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Fusion 360 free for hobbyists 2018

Alejandro from Freelancer Time Used: More than 2 years Review Source: Capterra The use that I have given to Fusion 360 is more oriented to modeling simple parts and parts to be printed in 3D, in these areas it is even more versatile than the other software I have used, such as Autodesk Inventor and SolidWorks, which I have used. used to perform complex assemblies and simulations. Fusion 360 has been very useful for me to make prototypes to scale in the 3D printerProsFusion 360 is a lighter and cheaper alternative for the design of 3d parts and machines, although it does not have all the features that can be found in specialized software such as Autodesk Inventor or SolidWorks, that simplicity and low cost can mean an advantage if what you want to design and draw is not very complex. Another great advantage is that Fusion 360 can be used for free if you are looking for a hobby use. For example to manufacture parts on your 3D printer or on your CNC router.ConsAs it is a technical software, free modeling is somewhat restricted, so if you are looking to make aesthetic models or with complex shapes, this software is not the best alternative. In terms of mechanical design, although you can get good results with simple parts and machines, for complex assemblies it will also be somewhat limited and you will have to opt for options such as Autodesk Inventor. Because the cost of Autodesk Inventor is much higher and it was not justified for the work that was going to be done Company Size: 2-10 employees Time Used: Less than 2 years Review Source: Capterra This software has been so easy to use from day one! I couldn't be more thrilled with it. Being an SME, it is offered on an annual basis free of charge. My network of engineers are amazed I am able to accomplish what I have using this software when the companies they come from are paying thousands for licensing. I also would like to note that Autodesk offer an incredible specialization to really round out your skills via Coursera. ProsThis software has been an incredible tool for my business. Being that our principle service is Design and Engineering, Fusion 360 has offered all my team and I could ask for in a software. It has been very intuitive, and regular updates or feedback from the customer service team. In addition, there is a massive online community with video tutorials or guides both created by, or individual users of the Fusion360 software. ConsI can honestly say that there has not been an issue since day one of using the software. If I have a need to address, the online community are quick to provide thoughtful responses and guidance allowing me to solve any issues my team and I may have. Cost was #1, but the ease of use and recommendations through the online community led me to download Fusion360 and as long as the software maintains its current state and continues with upgrades, I wont be in the market to explore alternatives. I highly recommend this software to anyone looking!! When I transferred CAD date to my slicing software for printing, I found that it blend the data did not translate well. With Fusion360, I found that I was able to convert the CAD files immediately to a file type that could be used for slicing, then through that software create G Code for 3D Printing. It was absolutely critical to my company that we find the right software and Fusion360 checked every box! Company Size: 2-10 employees Time Used: More than 2 years Review Source: Capterra ProsThe project management capabilities alongside its robust and easy to use UI makes it a dream for any designer to use.ConsThe cost of getting the software on an yearly subscription is very high. It had an amazing interface. Aged interface and complex tool finding in the software. Ilgaz from Snipers Design Time Used: Less than 12 months Review Source: Capterra It's bad, i wouldnt recommend. I've started to use it because it was free to makers and small companies, then it got hella expensive and i wouldn't suggest to even touch it.ProsEase of use and UI is elegant to look at.ConsSoftware isnt yet to be finished. Coding itself is bad and people with coding background including myself thinks that this one software is built upon 2 different programming languages that contradict each other. It's clunky and tries to bring you errors instead of trying to understand what you're trying to do and forums are full of self-boasting fans and dwellers which only to bring you that it has a "workaround" and you should be ashamed of yourself to bring the problem on the table. Everything is cloud. What i mean by everything i mean EVERYTHING. You dont have any privacy or any propability to work offline. Render costs you money. Even if youre a paid user. Little things come together and forms you this one big mess ball. Tl:Dr : i wouldnt touch this program ever again after this project ends.Shubham from ROBOLAB TECHNOLOGIES PRIVATE LIMITED Company Size: 201-500 employees Time Used: Less than 2 years Review Source: Capterra We're an Robotics based Ed-tech startup with the help of which we're creating robotics and other technical solutions for our customers. Therefore, a lot of R&D we do, we create each and every single part or component of a robot in the software. We're rendering the models, creating scenarios and simulating in real time in order to get the right design values and material selection for our productPros1. I've been using this software to create the kinematic links and simultaneously creating the mechanism joints resulting in getting the desired motion, I want to show in a simulation 2. With the help of it's feature recognition tool, it's easy to design each and every single part and can align them in a single tree 3. Easy to access shortcuts helps an advanced user to design components more quicklyConsAs this software a cloud-based, it requires high-speed internet to stay logged in while designing and rendering the whole model. Constant updating is one thing that I'm concerned cause it popped out in the middle of your work Solidworks is quite costly and the features that we were looking for were not present in it Time Used: More than 2 years Review Source: Capterra Prosits cloud based rendering helps me a lot because it helps me getting high quality image without using my pc power and instantly.ConsThe software overall not have something i don't like but its getting Havier by every update which is a problem for old computer systems. because lot of student use fusion and have old PC. 1. It's free for students 2. It's user interface 3. It's community support 4.some of it's unique features like T-spline modeling. Industry: Telecommunications Time Used: Less than 6 months Review Source: Capterra I have enjoined using it, I actually was able to finish a prototype design using tool, it saved my day since it allowed me to design an organic piece that I badly needed, that I was not able to design accurately with open source software that I was using at that time.Pros- There is a free version for Fusion 360 used for students, startups and teachers. - The modeling tools are really good they allow you to build organic shapes with ease. - The learning curve is not as steep. - It has an amazing support since is owned by Autodesk. - You can create machine code (G-Code) to send it to cut or 3D print. - There are several tutorials online and now is more used in the mechanical design industry.ConsThe thing I did not like is that is entirely run on the cloud, you have to have an internet connection. Because I was able to use it for what i needed and was not crazy expensive and was also fast to design in it I wouldn't recommend it tho. But I would not use to many. I would love to have a tutorial or some windows pop up to teach me about new features. Dheeraj from RV College of Engineering Company Size: 5,001-10,000 employees Industry: Mechanical or Industrial Engineering Time Used: Less than 2 years Review Source: Capterra Overall a great experience, I mainly use it for product renders and design mock-ups. I've participated at the Michelin Design challenge and was able to innovate with the help of Fusion 360 as student.ProsThe user interface was much more easy to use as a beginner and over the 2 years as an experienced user. Fusion 360 has multiple avenues from modelling to rendering to CAM/3D printing simulation which is very helpful in not wasting time exporting it to 3D printing software and then modify the design.ConsThe software seemed to not do a good job with respect to importing files of solidworks format and converting it over cloud. The speed of upload and download of files is quite slow and cloud rendering feature can be made more responsive/interactive. Ease of use, much better and neater UI and workspace. Not technically sophisticated. Can model, simulate, motion study and validate manufacturing in a single application. Godwin from XtreMechanics International LTD Company Size: 11-50 employees Industry: Computer Software Time Used: Less than 2 years Review Source: Capterra Fusion 360 has made it really easy to prototype more featured in future. Kyle from Dayton Children's Hospital Company Size: 1,001-5,000 employees Industry: Hospital & Health Care Time Used: Less than 6 months Review Source: Capterra ProsI love the extent of design that you can do with this software. I can create and edit STLs so easily. ConsThere are so many features in this software that I don't know how to use so many. I would love to have a tutorial or some windows pop up to teach me about new features. Dheeraj from RV College of Engineering Company Size: 5,001-10,000 employees Industry: Mechanical or Industrial Engineering Time Used: Less than 2 years Review Source: Capterra Compared to freecad it's super easy too use and intuitive, and does not have any quirks.ProsThe availability of the fusion 360 for hobbyists to have it for free is stunning. as one gets access to powerfull and intuitive cad tools.ConsIn recent updates they removed some functionality for hobbyists. Also it's cloud based. There is more tutorials available for fusion 360 compared to freecad, also faster to design my designs. Nafis Sadique from Bangladesh Agricultural University Company Size: 1,001-5,000 employees Industry: Education Management Time Used: More than 2 years Review Source: Capterra As it is giving 1 year free use for student, it helped all the engineering student. and it's powerful but easy software for learning CADProsIt's very much user friendly than any other CAD software from Autodesk.ConsRendering and animation can be more featured in future. Kyle from Dayton Children's Hospital Company Size: 1,001-5,000 employees Industry: Hospital & Health Care Time Used: Less than 6 months Review Source: Capterra ProsI love the extent of design that you can do with this software. I can create and edit STLs so easily. ConsThere are so many features in this software that I don't know how to use so many. I would love to have a tutorial or some windows pop up to teach me about new features. Dheeraj from RV College of Engineering Company Size: 5,001-10,000 employees Industry: Mechanical or Industrial Engineering Time Used: Less than 2 years Review Source: Capterra Overall a great experience, I mainly use it for product renders and design mock-ups. I've participated at the Michelin Design challenge and was able to innovate with the help of Fusion 360 as student.ProsThe user interface was much more easy to use as a beginner and over the 2 years as an experienced user. Fusion 360 has multiple avenues from modelling to rendering to CAM/3D printing simulation which is very helpful in not wasting time exporting it to 3D printing software and then modify the design.ConsThe software seemed to not do a good job with respect to importing files of solidworks format and converting it over cloud. The speed of upload and download of files is quite slow and cloud rendering feature can be made more responsive/interactive. Ease of use, much better and neater UI and workspace. Not technically sophisticated. Can model, simulate, motion study and validate manufacturing in a single application. Company Size: 2-10 employees Time Used: Less than 2 years Review Source: Capterra In the context of Fusion being a tool for novices, it is an excellent tool to start designing in to learn the ins and outs of CAD and 3D modeling.ProsFusion is a hybrid parametric modeling program offered by Autodesk. Fusion is the more entry level offerings in the Autodesk lineup, being simpler to use compared to their other offerings like Maya and 3DSMax, albeit while fulfilling a different role. One of the main benefits of Fusion 360 is that it is free. After then end of the trial you can choose to continue using the software as a hobbyist for free, allowing you to use it so long as you do not monetize the models created in Fusion. Being free, there is plenty of documentation and tutorials available to get started in Fusion and begin using it for CAD design. One of the areas where Fusion shines is for 3d printing, creating suitable printable models with ease. Fusion integrates with many models of 3d printers so that they can be directly printed from the program. For unsupported printers, Fusion can also export 3d printable formats such as .STL files for the printer to use. This is usually preferable anyways, as it allows for more flexibility compared to printing right in Fusion.ConsFusion is a hybrid modeler, combining the features of a direct modeler and parametric modeler to create a more streamlined and easy to use tool overall. This means that some of the more complex parametric modeling tools and functions are missing from Fusion, making it unsuitable for more serious CAD design. While the interface is clean, many functions are often hidden behind too many mouse clicks that can make the program hard to navigate at times. this can be particularly confusing for those unaccustomed to 3D modeling or CAD software. Company Size: 2-10 employees Industry: Computer Software Time Used: Less than 2 years Review Source: Capterra Fusion 360 has made it really easy to prototype designs, as it is much easier to pick up than a lot of other CAD software, like Inventor and Solidworks, and significantly cheaper.ProsFirst of all, it's really easy to use, and it can run on lower-specced machines that can't run other CAD solutions. I also love how it's cross-platform. I switched from Windows to macOS about a year ago, and still have to use Windows for certain software, but I can start a project on my Mac and easily open the same project on a Windows device. And everything is saved to the cloud so it's super easy to keep track of your files and switch between devices. Fusion also has a version history, so you can very easily rollback to older versions of a file, or even just rollback certain modifications to a file. Another benefit of the cloud storage is that I can just send an email with a link to my colleagues and they also have access to the same file that I'm working on, so no more worrying if other people have access to the most powerful tools for their development process. I've used it with the pricing of cloud renderings. If you are a student you have unlimited 'cloud credits', but for a hobbyist or business, you have to buy a pack of at least 100 credits for $100, and every time I need to do a cloud rendering or simulation is done, you have to pay one of those credits. It doesn't seem like much, but it does add up, and I would personally refrain from using the cloud rendering and simulation services. Company Size: 10,000+ employees Industry: Electrical/Electronic Manufacturing Time Used: Less than 2 years Review Source: Capterra As a hobbyist and educators Fusion 360 provides free licence for it.ProsEase of use. Free 3 Year license for students and educators Fast and easy Model Analysis. Cloud-based storage. ConsAs it is comparatively new software still contains some glitches and crashes or sometimes requires a restarting the computer to get it working. Ease of use and somehow better GUI than AutoCAD. Cloud Based model storage and analysis saved a lot of space. Alex from Self - employed Industry: Mechanical or Industrial Engineering Time Used: Less than 2 years Review Source: Capterra For anyone who does not want to drop thousands of dollars on a modeling program, Fusion 360 is the best choice.ProsFusion 360, I believe, is the best tool in its price range for 3D modeling. It is very affordable, and for the price, very powerful.ConsThere are a few things here and there that I am unable to do in Fusion, however there is usually a workaround. Much cheaper, and looks better than Creo Ryan from BYU Crop Biomechanics Lab Company Size: 2-10 employees Industry: Mechanical or Industrial Engineering Time Used: More than 2 years Review Source: Capterra I first used Fusion 360 as an undergrad because it was free for students, and later found out that it was like free for hobbyists. I love that approach to software, because I believe anyone should be able to dream something up and make it; Fusion 360 just provides one of the most powerful tools for that development process. I've used it to design robot parts, program machine toolpaths, and modify CAD designs from free libraries for fun. I really enjoy using it.ProsFusion 360 set out to be the best integrated CAD and design software, and it certainly has achieved a lot of its goals. While not as high-powered as top-tier CAD programs, it holds its own and is uniquely designed with the user in mind. I love Fusion 360's cloud-based system, without having to store files locally, I can log in on any machine that has Fusion 360 and access my projects. The interface is clean and easily customized, and the tools are intuitive. There is also an active community that is great at answering questions, and a lot of YouTube tutorials put out by Autodesk and others that fully explore Fusion 360's functionality.ConsBecause Fusion 360 is constantly being updated and new developments are being added regularly, sometimes you will open it up after a few weeks without using it and the interface will be different. If you're trying out a new feature, you might not get to keep it if the development team decides to go in a different direction. But this is rare. Company Size: 10,000+ employees Time Used: More than 2 years Review Source: Capterra ProsThe cloud-based rendering is a great feature in Fusion 360 which puts way less strain on your cpu compared to a local render, allowing to continue working uninterrupted. There are a ton of render options for both your model and the background environment, and the final quality of the rendered images is fantastic. I like the cloud-based file sharing option which allows you to collaborate with others on the same project. It's also available for mac operating system as well as windows unlike some of its competitors. Regular updates and improvements that run relative unnoticed in the background, and they are constantly adding cool new features. It takes up very little room on your hard drive as it's mostly cloud-based.ConsFusion 360 is still a relative newcomer in the 3D modelling software world, and although I think it is a great contender to it's competitors, it is still very glitchy and crashes often. The output file format options are very limited compared to the input file format options.David from David Castellà Fornós Industry: Information Technology and Services Time Used: Less than 12 months Review Source: Capterra I'm using this software with a non-profit license (free) and despite the recent announcement about the functionality cutout (from first October 2020) to 10 active projects, I think it will remain to be my option. The main advantage versus his main competitor (Sketchup) are the fabrication functions. For a maker with an interest in CNC and/or 3D printing, it can be the perfect software.ProsExtensive functionality for the makers (CAM, simulation, generative design,...). Possibility to work locally with a good cloud-integrated repository. Good plugin marketplace with free options. Extensive learning materials on Autodesk website (updated) and third-party authors. Flexible payment options with a usable free version.ConsYou will need an additional GCode sender program if you are doing CNC milling. Some learning curve. Not as good cloud assets library as SketchUp. CAM functionality Christopher from Central Square Technologies, Inc Company Size: 2-10 employees Industry: Information Technology and Services Time Used: Less than 12 months Review Source: Capterra I've really been able to take my modeling and prototyping and even teaching STEM students to the next level. ProsFantastic ease of use, easy to teach and learn. Everything is in places that makes sense and you can create models based on measurements very easily. The software is designed to go right to 3D printers and even CNC machines. Lot's of options for modeling types/contexts such as parametric and even sculpting primitives. The cloud platform makes it very easy to access your work from other computers/devices.. One of the most useful features for me is the fact it handles threads so well, easy to 3D print and have parts properly screw together. I tested over 30 different modeling software packages before I settled on this. No regrets.ConsThe only real gripe I have is with the learning curve, I'd rather pay and own this type of software but I rather pay and own this type of software but I am getting real time patches and updates. Martino from Higher Education Industry: Electrical/Electronic Manufacturing Time Used: Less than 12 months Review Source: Capterra My overall experience with fusion is very much positive! I use it for every project i need to make and i'm very happyProsWith these software Autodesk tried to unify a lot of their softwares and i think they've created something really powerful and accessible. Fusion 360 is very powerful and free for hobbies or small companies. This is incredibleToolsSometimes Fusion can behave strangely but Autodesk launches updates basically every week to fix problem or to add new features. Time Used: More than 2 years Review Source: Capterra It is great software if your design is simple, for complex designing you have to invest more time in it to become an expert.ProsIt have great UI. It is full featured 3D modelling software can be accessed freely using student version. we can create machine code for 3d printing the designed model. It is best suitable for mechanical industry. Online tutorials can be found so using this is not that difficult.ConsIt run on cloud so you have to have an internet connection for it. Learning can be difficult for the beginners. Beside these it is a great software for 3D modellingAyodeji from XtreMechanics Company Size: 2-10 employees Industry: Mechanical or Industrial Engineering Time Used: Less than 2 years Review Source: Capterra Fusion 360 was very easy for me to learn and its been a great experience using it so far. majorly, I use fusion 360 in designing products for additive manufacturing as it is easy to modify my design and share with the team from anywhere since its cloud based. ProsThe fact that it is cloud based made it easy for you to work as a team on the same project. fusion 360 offer great features especially in the 3D sketch as compared to its competitors, and the regular updates improves the UI and UX. as tight as it is, its fully packaged with features to enable users make even complex designs, render and as well simulate it.ConsFusion 360 crashes too much especially when trying to upload designs made in offline mode to cloud, and it can be really frustrating. Company Size: 11-50 employees Time Used: Less than 6 months Review Source: Capterra As I said previously the team had the idea that we were going to need additional software to design and produce all our prototypes (considering the special needs of our CNC machines), but we ended up adopting Fusion completely for the whole design process.ProsIt's the most affordable CAD/CAM alternative for our team (and I know I'm specially coming from other "traditional" softwares like Pro-Engineer and Solidworks, but it totally pays off in the end. But I would totally like to see more customizable keyboard shortcuts and interface parts. By recommendation of other fellow designers. We were using multiple CAD/CAM software among the team members, but we needed something that was affordable for the entire team, without having to spend a whole lot of fundings. Industry: Mechanical or Industrial Engineering Time Used: More than 2 years Review Source: Capterra I have been using it in at least 3 different startups I worked at and it never disappointed. Yes, there are some quirks or it's lacking if you expect to find something specialized, but it just works again - it's a work in progress. Fusion 360 has one of the best and most responsive teams of developers and product designers who actually listen to what people report and ask for on forums and implement those features constantly. As in you don't have to wait for the release sometime next year and hope for the best.ProsIt has all the features to satisfy you as a beginning or reasonably skilled maker - someone in mechanical engineering or digital manufacturing.ConsIt's now gotten more difficult to apply for a startup licence to be able to use the software for free for commercial purposes, but I still think it's worth it. I switched from the now discontinued Autodesk 123D suite which is incompatible in the feature set it provides. Mainly switched as my skills and requirements grew. Company Size: 1,001-5,000 employees Industry: Education Management Time Used: Less than 2 years Review Source: Capterra Thanks to Fusion 360, I have found myself relying on it constantly for virtual design testings. Of course, true testing requires real-world application; however, Fusion 360 has been fairly accurate with its simulated statistics. Ever since high-school, my team and I discovered Fusion 360 and used it for our design testings to which we 3D-printed and used for our Toyota-sponsored hydrogen car. By far one of the most reliable and useful software for prospective designers and engineers. Or you know, if you have a passion for these kind of fields, I recommend giving Fusion 360 a shot.ProsAs an engineering major, Fusion 360 has become my go-to software when I feel the need to simulate any designs my team produces. It provides a multitude of options when creating designs, such as angular checks, grid-line-based auto adjustment, 360 degrees perspective, and so on. It also has a cloud feature that allows you to store your designs or even share it via email. I also find it particular helpful that you can do design tests such as putting it through a wind-funnel and seeing the air resistance as well as the designs performance in general.ConsAlthough I use this software quite often, I have to say it did take me a little time to figure out what each option did and how to become more fluent with my use of Fusion 360. Thereby, Fusion 360 is not for those that aren't willing to put in the effort and passion in running designs. It takes quite a bit of patience to understand the functionalities overall. Company Size: 5,001-10,000 employees Industry: Mechanical or Industrial Engineering Time Used: More than 2 years Review Source: Capterra This is the only software I choose to use when starting a project. I have used other CAD packages in the past, but Fusion 360 has made everything easier. It's not just my top recommendation for CAD software, it's my only recommendation. ProsIt has everything you could want in a single CAD/CAM package. You can take an idea from concept, through development, and then to manufacturing without switching programs. The software is very intuitive if you have ever used any other piece of CAD software. It's also very easy to experiment with different tools you may not normally use. With Fusion 360 it allows you to jump into Rendering or even some FEA analysis without having to learn an entirely new piece of software.ConsI dont have many. When getting started you may have a little trouble learning how bodies and components affect one another, but once you learn that then everything else is very intuitive. Kevin from constructkiv GmbH Company Size: 51-200 employees Industry: Education Management Time Used: Less than 2 years Review Source: Capterra I was able to teach myself 3D CAD, and solve all my basic needs around 3D printing projects, like little accessories, cases or replacement parts for any broken item around the house.ProsFusion 360 is an excellent piece of software for hobbyists and makers, especially considering that it's completely free, even for small businesses. The learning curve is very steep and if you are willing you can create complex designs all by yourself in very short time.ConsYou need a basic understanding of the working principles of a 3D CAD software and you must be willing to try and learn. It's not as easy as working with primitives like in Tinkercad, but it's of course aimed at another group of people. What should also be noted, is that Fusion 360 is cloud based, so all your designs are stored there, which is convenient, when you access them from different locations but can also be a disadvantage if Autodesk will one day decide to pull the plug on the servers. If you are using an older Mac, be aware that they will soon drop support for macOS below version 10.13. Company Size: 10,000+ employees Time Used: More than 2 years Review Source: Capterra I have been using Fusion for more than two years now, previously I have been using Solidworks but for hobbyist it is way to expensive ProsEase of use and plenty of on line courses held by bunch of professionals. As a hobbyist I am using fusion to make models which later will be printed on 3D printer. For fast prototyping must have tool. Free for students and educators - hobbyists ConsI have no complaints regarding this software, it is stunning Time Used: More than 2 years Review Source: Capterra Fusion has provided me an insight into the world of CAD and helped me build up a useful skillset for engineering designProsVersatile in its ability to construct anything, Has materials and structural testing suite and can produce a variety of dependable results (tested against irl results and had a 2% margin of error)ConsTakes some time to learn if not trained in previous renditions of the software, quite a few bugs with intercepting elements.Brandon from Aviation & Aerospace Company Size: 2-10 employees Industry: Airlines/Aviation Time Used: More than 2 years Review Source: Capterra ProsThe feature set of this tool was really great. I regularly design 3d models to print and this has played a key part in my learning. And it was really easy to use. I save need other cad tools in the past so I do have experience but I do think it would easy for anyone to pickup.Cons- Lack of simulation tools for 3d printed parts - Hard to do text or sketch on curved surfacesBrian from University of Utah Company Size: 2-10 employees Time Used: Less than 2 years Review Source: Capterra I enjoy using Fusion 360 for design, the interface and modern design make it pleasant to use.ProsThe interface is very up to date and easy to get used to. It does not feel like most cad software programs, it is a sort of happy medium between the old interface of products like SolidWorks and AutoCAD and newer simpler product that are made for more hobbyist elements.ConsThere are certain steps or procedures that must be followed, but this is more of the machining process than the software. The CAM operations are very intuitive.Andrew from Big Rapids Public Schools Company Size: 11-50 employees Industry: Education Management Time Used: Less than 2 years Review Source: Capterra ProsReally like that you can setup controls to emulate different programs like SolidWorks or Inventor. It is also very easy to setup CAM features and simulate the milling of a part.ConsIt is very difficult to save projects offline if you are working in an area without internet access. Cost Free education licenses from AutoDesk. Steven from Futurist Playground Company Size: 2-10 employees Industry: Medical Devices Time Used: More than 2 years Review Source: Capterra I use Fusion for rapid prototyping of medical devices, furniture, and art. I'm satisfied with the program and like that it is both Cloud Based and has offline capabilities.ProsFusion 360 is pretty easy to use and the drop-downs are intuitive (assuming you're not new to modeling). I like how easy it is to export models to the CNC or 3D Printer.ConsI also do video game design and have made that easy to do at all. It looks like I'll also be using 3DSMax for awhile until they Fusion becomes a little more friendly to the VR world. It is super easy to accidentally delete previous work if you don't save before closing Fusion (Windows update is the bane of productivity and cause of a lot of lost work). Time Used: Less than 12 months Review Source: Capterra ProsI like this program as it offers many features that can also be seen in programs such as Solidworks. However, Fusion can be acquired for free while Solidworks can cost quite a bit of money. Fusion also has a CAM software so it can generate G-Code straight from the model that can also be designed in the program. Fusion is primarily a CAD program specifically for 3D design and it does a great job at that as well, the models can be easily designed once you get the hang of the program and models can also be easily exported to STL files for 3D printing later.ConsThe program has a mild learning curve as the main concept of it is to first, draw out a 2D sketch and then extrude that into a 3D model, and even though it is a great alternative to Solidworks should Solidworks be a bit too expensive, it does lack some features. However, the program is quite easy to learn from online tutorials and general trial and error. Company Size: 11-50 employees Industry: Computer Software Time Used: Less than 2 years Review Source: Capterra I've been using it mainly for 3D printed prototypes from years now and I will definitely keep using it. It is a great product, thanks!ProsI loved the learning curve, from the beginning is clear how to create even relatively complex models. Also the sketch feature is awesome!ConsSometimes it slows down or crashes when working on heavy files or gives login problems once in a while Company Size: 11-50 employees Industry: Financial Services Time Used: More than 2 years Review Source: Capterra I was a user of another software from the same company probably 14 years ago when I was taking a product design degree, and had to stop using it when I transitioned to Mac. It's great now to be able to use it again without having to create virtual machines! It's still the same product, with a lot of new featuresProsIt's great to have a CAD/CAM software that runs natively on MacOS system. It has been my favourite tool to design, model, assemble and render projects, and all on the same tool. No chrashes when working on heavy files or gives login problems once in a while Company Size: 11-50 employees Industry: Food Production Time Used: Less than 2 years Review Source: Capterra ProsIt's great to have a CAD/CAM software that runs natively on MacOS system. It has been my favourite tool to design, model, assemble and render projects, and all on the same tool. No than 6 months Review Source: Capterra For me, this software is just too complex to serve my needs. I only need to use this software on occasion, so I don't think that I'm going to invest the time to learn the complexities of this program. It would be nice if they found a way to offer a limited set of tools in a "beginner mode" to get people going a little faster.ProsFusion 360 is a full featured 3D modeling software that many people can access for free. It is an extremely powerful tool that can get almost anything done that a professional 3D modeler would need. This tool is part of the Autodesk software suite, so it is backed by a large company. That means that you can find tons of on-line forums and tutorials to get things figured out. Additionally, you don't need to be concerned about this software being discontinued or not supported in the near future.ConsWhile this software does offer all of the tools that you might need (and then some!), that comes with a cost. It is very difficult to get started as a newbie. I'm an experienced CAD software user and I still found it very difficult to use this software at first. If you really need all of the power and plan on using the software often, then it may be worth investing the time in learning this software, but if you are a casual user, you might want to look at other alternatives. Company Size: 2-10 employees Time Used: More than 2 years Review Source: Capterra I learned Fusion 360 in school while studying Industrial Design in university. I found it much simpler than other CAD softwares. I loved that it worked on my mac! I wound up winning two national awards while in school with designs I created on Fusion 360.ProsThe streamlined and minimal interface! It is so easy to navigate and it clicked for me so much faster than SolidWorks. For what I do, designing physical products, its perfect for my needs!ConsI don't like the rendering, I always export to Keyshot. I suppose I also dislike the sculpt feature, it can be frustrating to work with. I can never seem to make the shapes I want. Fusion 360 works on a mac! SolidWorks doesn't. Brian from Eudora High School Company Size: 51-200 employees Industry: Education Management Time Used: Less than 2 years Review Source: Capterra I really enjoy Fusion 360, it has let me design projects that have helped further the design process in projects ProsI loved the fact that the software is free for private consumers. It is fairly intuitive and easy to work with. All files can also easily be exported to 3D printers or milling machinesConsThere are some lacking functions that would be nice to have, the workspace is hard to manipulate sometimes and I wish it had a slicer built inmatteo from Iania geo ltd Company Size: 2-10 employees Industry: Mechanical or Industrial Engineering Time Used: Less than 6 months Review Source: Capterra Excellent and life-changing, I can finally work on my ideas with extreme ease, and immediate results !Proseasiness ! Coming from Solidworks this program is literally incredible. If you find hard to work on solidworks, fusion is for you. Massive results in a very short timeConsactually nothing, it's all decent. The online update works in a very good way and it solves many problems, but it could be classified for some a security concernAaron from University of Notre Dame Company Size: 501-1,000 employees Industry: Education Management Time Used: More than 2 years Review Source: Capterra Overall, I really like Fusion 360. It has been a very valuable tool for my outside hobbies in 3d printing and cnc cutting. It is by far the best software for small makers. ProsAlthough Fusion 360's user interface is very complex, it is fairly simple to navigate around the software. I really like each function is labeled and paired with a small graphic to visually show what will happen with this tool. Another great part of Fusion 360 is that you get a free version if you are a student with an edu email address. ConsDue to its complexity, I find myself constantly searching for the correct tool while trying to build a 3D model.Karli from Cornell University Company Size: 5,001-10,000 employees Industry: Civil Engineering Time Used: Less than 12 months Review Source: Capterra Great if your design is more simple, or if you are an expert in this specific software, and you want to collaborate live with a team on a design. However, compared to Autodesk's other products, this one is lower on my recommendation list.ProsLove the ability to work on one project/design live with a team. Great feature that really sets this software apart.ConsIt really is not Autodesk's best product. Inventor and AutoCAD are much easier to use. Though this one is able to be collaborated on live with multiple team members, the design features seem mixed up and sometimes limited. Company Size: 2-10 employees Time Used: Less than 6 months Review Source: Capterra Fusion 360 is a very good tool to get 3d models done, the interface is easy to understand and straight forward, and you get great value for what the software costs. ProsThe software is very easy and intuitive to use, and with the basic subscription you get all the features you need to create complex 3d modelsConsI felt the position for the surfaces were quite basic. It is rather hard to control well the curvatures and tangencies.Chad from Jesco Industries Company Size: 11-50 employees Time Used: Less than 2 years Review Source: Capterra Our ability to chech issues before manufacturing in the design phase.ProsThis has taken us to the next level in design. The ability to share designs with customers is huge along with being able to work through concepts with them.ConsAt one point in time it was difficult to get quick answers to questions, they have a much better system to keep in touch with customers.

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