

The three main majors in the computer field. Those are Computer Science, Software Engineering, and Information Technology, or I.T. Although the three have some similarities, they are all pretty different. I have chosen Software Engineering as my major. We- Software Engineering students- learn more about programming languages and computing principles. There is more of a focus on product design than with the other two majors. Software Engineering is more of an engineering degree, whereas Computer Science is more of a science degree. Computer Science is the study of how computers work. Software Engineering is the study of how software systems are built. Information Technology is the use of computers to store and send information. Information Technology is the fastest growing one in decades.

There are many fields of Computer Science. They include programming languages, artificial intelligence, web development, security, and many more. I find the artificial intelligence field the most interesting of the fields that I listed. Artificial intelligence is everywhere these days. It is on your phone (Siri), it is on your laptop (Cortana), and it is in your house (Alexa). AI (artificial intelligence) works through large amounts of data and intelligent algorithms. Another field is cybersecurity. This is the protection of Internet-connected systems, which includes hardware, software, and data. People who are in the cybersecurity field protect the computers, or anything with internet access, from cyberattacks. Cyberattacks include things like viruses. In order to succeed in this field, you must understand a lot about hardware, software, and data. This is how Computer Science comes into play. Web developers put together websites for different companies. These companies can include retail, non-profit groups, social media, and others. In order to do this, web developers must learn how to code. This can be learned in classes that students who major in Computer Science have to take. Programming languages such as HTML, Ruby, Javascript, and more are needed to develop these websites. They can make websites for

anything from Facebook to your email website. As I mentioned before, Artificial Intelligence is the field that intrigues me the most, however, I would be most interested in pursuing a career in software development. Software developers create computer programs, such as applications. Software developers can also create the system that your laptop, or phone, is running on now. Some developers write their own code using the programming languages and others work with programmers to write the code for them. In order to accomplish my goals when it comes to computer science, I will have to learn the programming languages through the courses at school.