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Hello parents,

I am currently taking an Introduction to Computer Science class at FGCU. In class, we learn about different fields of study that utilize computers. The three I will be talking about are Computer Science, Software Engineering, and Information Systems. I will also be telling you about a few of the different fields of Computer Science. I will lastldsfsdfsdey tell you what my favorite field of Computer Science is and why.

Computer Science is the study of the theory and principles of computers. Computer Science is the broadest of the three. It encompasses the two others, the physical components of computers known as hardware, and much more. Software Engineering is the implementation of engineering principles to software development. It is mostly concerned with software. Information Technology utilizes technology to create, store, exchange, and use electronic data. There are many different specialties in IT to chose from, such as Software Development, Application Management, and hardware components. IT covers both software and hardware, unlike Software Engineering.

Computer Science includes many fields that interest me. The first is Computer hardware engineering. Simply put this field is the study of the physical components of computers. As software becomes more advanced, computer hardware engineers need to develop hardware that can run it. Cybersecurity is the practice of protecting computer systems from cyber threats. It is required by every individual and business that uses computers. Without cybersecurity, you could not safely use a computer. Software development is the of developing software. Companies hire Software Developers to create applications or software that suit their specific needs.

The field I am most interested in is Software Engineering. I am currently seeking a Bachelor's degree in it. Software Engineering combines two things I like; computers and engineering. I have always

debated whether to pursue engineering or computer science. Software Engineering utilizes both. Engineering principles are used to design, test, maintain, and update computer software. It requires a lot of critical thinking, which is something I look for in a career. I am also interested in it because of the great pay and market growth. I do not just want to be a programmer, I want to create software.

I have learned a lot about computer science this semester. I have learned about different fields of computer sciences. The applications of those fields into other aspects of computer science and business. I have gained confidence in the past few weeks that I am following the right career path for me. I am looking forward to continuing my education in computer science.