Intro to Computer Science

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Field report

As careers in computer science continue to grow and more jobs in this career become more accessible, three main fields of computer science exist. These three fields include computer science, software engineering, and information technology. Computer Science as a field is defined as, a branch of science and technology that is concerned with information processing by means of computers. Computer Science careers however, aren't the path that I am wanting to take, although I find them interesting I feel as if my strengths don't lie in these sorts of jobs. Software Engineering is a very interesting field in which I find interesting however, it is not the main field that interests me. Software Engineering is the systematic application of scientific and technological knowledge via software. Software Engineering is a very close second to a field that I would like to be a part of. The field that interests me the most would be the field of information technology. Information Technology is the development, maintenance, and use of technology to process, store and distribute digital information. Information Technology as a whole interests me greatly mainly because I enjoy helping others with computer issues. I very much like the job of a Computer Support Specialist. A Computer Support Specialist provides help and advice to computer users and organizations. This type of job interests me mainly because I would enjoy helping computer users with everyday problems that they might acquire. I would enjoy the ability to have interactions day-to-day with customers who need help with computer related issues. Another job that would interest me would be that of a Database Administrator. A Database Administrator uses specialized software to store and organize data, they make sure that

this data is available to users and is secure from unauthorized access. This job interests me because I am a big people person, so I would be working directly with customers, and I find this sort of work very interesting. Another job that interests me would be a Computer and Information Systems Manager, this would interest me because it is a job where you work directly as a supervisor overseeing day-to-day work in an office setting. Because of my skills in leadership, and my people skills, I think that this job overall would be my personal choice for my future. Overall, I feel as if my strengths lie with working with others, if that is as a supervisor, on a team, or handling customers. I feel that even though I would enjoy software and hardware design, my true strength belongs in Information Technology.

Report Report

In order to create my Field Report, I used many different resources. Using the guide to computer science careers really helped me with narrowing down what jobs that I would want in the future by reading up on each job's extensive detail provided by the website. I also used SEVOCAB to find accurate definitions of the three different fields. I used the three FGCUScholar skills as well. For the writing scholar skill, I made an outline of my report by breaking it up by bullet points and finding all of the information necessary for me to complete this assignment. I also used Grammarly to make sure I used the correct grammar. With the critical thinking scholar skill, I used the 5 why's to perfect my report. For the final scholar skill Information Literacy, I watched the five components of information literacy video to get a better background on information literacy. I used all of the links and my textbook to find my information regarding all of the different careers that go along with computer science, software engineering, and information technology. Once I had gathered all of my information, I started to write my report. After I wrote my report I put it through Grammarly and checked for any grammar mistakes, then my report was finished.