Field Report

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Computer science is defined as the study of the theory, experimentation, and engineering that form the basis for the design and use of computers. Computer science can offer a variety of professions from software engineering to Information technology to anything that really involves the knowledge of a computer. Three of these professions I will go into detail to what these careers actually do in their daily jobs. The first one will be Software engineering which is described as the application of engineering to the development of software in a systematic method. This is pretty much summing up how software engineers need to use the concept of engineering to the creation and development of making software in a way that makes it work like a system. Computer science applies to this career since its using engineering to form the basis of software on a computer. The second profession would be Information technology which is described as the application of computers to store, retrieve, transmit and manipulate data, or information, often in the context of a business or other enterprise. This is pretty much self-explanatory and just says people who are in charge of the actual computers doing what they are supposed to do as a function. Computer science applies to this career since its goes with the overall basis function of computers and making sure they function as a computer. A third profession would be Database Administrator which is described as the use specialized software to store and organize data. The role may include capacity planning, installation, configuration, database design, migration, performance monitoring, security, troubleshooting, as well as backup and data recovery. Computer science applies to this career since it applies under the part of engineering with up keeping data or creating the organizer for that data and administrating it. At the moment I am currently trying to go for Software engineering for my profession since it interests me the most at the moment but, if I do not end up enjoying the field I will try to go into an IT position that involves some software and hardware skills since I also enjoy working with hardware as much as I enjoy working with coding and creating software. Computer science is not only used just in the careers under its skill level it's involved in anything that involves computers or processers on the computer.