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### Fields Report

To delve into the world of technology we must first know the terminology that will inevitably have to be used. First, we must distinguish between the fields of Computer Science, Software Engineering, and Information's Technology. Then, different fields of Computer Science and their applications can be described. Lastly, I will then discuss the fields that I personally am most interested in.

Initially, Computer Science deals with the theory, design, experimentation, and engineering involving Computers in our modern world. This can be thought of an umbrella term that encompasses anything involving thinking about, and designing anything computer. Then, there is Software Engineering that strictly involves the design and application of software/programs that computers run. People that go into Computer Science have a broad range of skills and knowledge that gives them the flexibility to pursue a diverse selection of careers. Software Engineering can for the most part be described with the word 'coding', or 'programming'. People that work in the Software engineering field also have a large range of careers and abilities that allow them to: code video games, design websites, or work to design any program imaginable a computer could run. Ultimately, Information Technology can be thought of any application of storing, processing, and viewing data. This field has traces its roots all the way back to before the common era, where people stored data in early writing forms. Nowadays, however, this term refers to the use of computers to store, send, manipulate and study

data. This field is mainly split into two fields: the application side, Information Systems (IS); and the hardware side, Information Technology (IT). People that work in Information Technology work as analysts for large companies to work hands on with computers to troubleshoot problems on a case by case basis.

Computer Programmers are people that create and test programs that let computers complete their tasks properly. They take the designs created by Software developers and engineers and translate it into coding languages. Software developers are those who develop the plans to create programs for computers, they are the creative side of the process. Lastly, there are web developers that design and create websites, be both functional and professional looking.

Personally, I am most interested in the Information Technology field of Computer Science. I am a math major and analysis is a very viable option for a career, and my sister works at Herz international headquarters as an analyst, so I know there is opportunity for me out there.