Computer science is a broad term relating to "the study of algorithms and their efficient implementation in a computer" (Dale 197). Computer scientists use coding programs to invent new computer programs. Software engineering is a branch of computer science that focuses more on the software behind a computer. Software engineers deal with the design and maintenance of computer software. Information technology, on the other hand, try to fix problems with computer systems. They use existing programs to create much larger ones to fix these problems. IT personal are most likely to interact with clients, whereas software engineers and computer scientists are more behind the scene.

Computer science is used in many career fields. Computer programmers are people, who use coding language to create instructions for the computer to follow. These programmers often work alone or online with colleagues. Web developers are another form of computer scientists that build online sites for many companies. They use codes such as HTML, XML, JavaScript, and Cascading Style Sheets to make visual appealing, easy to use and performable websites. Computer support specialists also use computer science in their field. People in this field study the current infrastructure in a database to design to systems that work better. They usually work in the information technology department of a company to work with the public's computer problems.

The field of computer science that interests me the most is market research analysis. This caught my attention since they use statistics to help companies with their marketing strategies. I have always enjoyed my statistics classes and being able to use it in the real world would be enjoyable for me. I would be working with colleagues, and analyzing algorithms that could help sell new products based on the trends we found. This could include looking at computer databases charts. We could figure out how to properly price these products. I want to work for a company as a research analysist and use computer science.

Works Cited

Dale, Nell, and John Lewis. *Computer science illuminated.* sixth ed., Jones & Bartlett Learning
      logo, 2015.