

Fields Report

The future of computer science has great potential. In only the past 20 years, there has been so much advancement in the world of technology. We can even say there has been so much change in the past 10 years. Even if it feels like today's technology has been around for a while, some may forget that their precious touchscreen cell-phones were introduced merely around 10 years ago! Times are changing fast and part of it is due to the world going digital. I am excited for what the future of tech has to offer, and for that reason, I want to be a part of that change.

Computer science is a broader study of computational systems. It covers several aspects of computer software including the theory, design, development, and application. Software engineering is the study of the development and maintenance of software. It is a much detailed and deeper study of software. Information technology involves the use of computers and storage to create, store, secure, and exchange forms of electronic data. This study has more business aspects to it compared to the other tech fields, as businesses rely on IT to keep their customers' important information secure.

Programming is one of the fields under the umbrella of computer science. Better productivity is the main goal in this field. Programmers find ways of optimizing productivity by developing either new language paradigms or by better implementing current programming paradigms. Another field in computer science is software engineering. Software engineering deals with the design and implementation of software. As software grows larger, usually as a software engineer you must work as a team. One path you could take with a software engineering degree is cyber security. Artificial Intelligence is my favorite field under computer science. I am most interested in AI because I know it will play a big part in the future. The development of AI will bring new and exciting things to life at home and in business. Computer scientists that study AI must study theories that apply to their concentration. On top of that, programmers must teach computers how to use more complex algorithms in order for them to work more effectively. Working on artificial intelligence with a concentration in robotics has always been interesting to me. The development of robots will help with productivity in the future. Working in tech really makes a difference in the world for the better.

FGCU Scholars Skills

In consideration to the FGCU Scholars skills, for the writing portion, I made an outline of what I wanted to say in my paper. First, I brainstormed ideas on a piece of paper. Then I took all the different topics I wanted to touch on and organized them into a chronological order. After laying down the topics I wanted to touch on, I wrote down brief details under each topic. Using the Elder Paul Critical Thinking Model, I came up with the goal to inform my readers about computer science and my interest in working in tech. The information I included were facts regarding computer science and my observations/thoughts and opinions on Artificial Intelligence.