

Field Report

Computer Science is the study of developing and improving computers. Computers are constantly evolving to hold and process more information and also become more efficient as a result of computer scientists in different fields. Software Engineering, a branch of computer science deals with “development and building of computer systems software and applications software”, as described by the Computer Science Online website article. More specifically, Software Engineers aid the capability of a computer’s program to be able to perform to the needs of the users. Mobile apps and Computer programs are all pieces of software developed for the purpose of carrying out different actions for the user. Meanwhile, Information Technology, a similar branch to Software Engineering, deals with the application and storage of a computer’s information to be managed and shared. This has to do with databases and how computers and mobile devices are able to share information to other computers, devices, or servers.

One of the highest expected growth rates when it comes to job outlooks is the field of Computer and Information Research Scientists. This field pushes the boundaries of computers and attempts to improve a computer in different ways as the goal of computer science. They are responsible for the inventions and innovations of new and current technology. A very common field of computer science is Computer Programming. This field is very common as it can be done from virtually anywhere. However, the job of a computer programmer is to code a program for a computer to understand and run properly. Perhaps one of the most important fields or aspects of computer science would have to be a Computer Science Teacher. As computer science is one of the fastest growing industries it is important for aspiring computer scientists to be engaged and taught, especially at a young age. These teachers are helping the industry grow to further improve and develop computers into the future.

As my major is Software Engineering I am interested already in the software aspect of computer science, however, after conducting research on the different fields available, Computer and Information Research Scientist sparked my eye, as the field seems interesting and challenging in the best way possible for the future of computers.