

Computer Science

Computer Science is essentially an umbrella for many different related fields. This field explores the theory, experimentation and engineering involved with computers in general. The careers belonging to this field include Software Applications Developer, Computer System Analyst, and Computer Systems Engineer. As a Software Applications Developer, you would be tasked with creating and editing computer applications software, increase the efficiency of programs and determine the requirements for software. For Computer Systems Analysts, they would also improve efficiency like the previous career, but of computer systems instead of programs. They would also develop system design procedure as well as increase system compatibility as to assist information sharing across systems.

Software Engineering

This field focuses on creating deploying and editing software with emphasis on quality and maintainability. Software Engineering, in a way, gives meaning and technicality to the almost limitlessness that comes along with coding programs. For this field the careers include: User Interface Designer, Computer and Information Systems Managers and even Video Game Designer. The career in Video Game Designing is what interests me the most. I'm pursuing this degree with the hopes of one day joining a team of developers to help craft, polish and code many video games.

Information Technology

From what I understand, Information Technology surrounds different implications and applications of electronic data, like creating, processing, storing, securing and exchanging it. Careers include Computer and Information Scientist research. Senior Research Scientist, and Senior Research Scientist. In business, Information Technology is used for things like making databases with SQL Server, transactional systems for purchasing items in real-time, and resource planning systems.