

Dear Mom and Dad:

As you both know I have always been interested in fields related to technology and computers. Fields like computer science, software engineering and/ or Information technology. A Computer Science career would take me towards the full understanding of the functions of computers, programming, and integration to the everyday life of users. Software engineering is the designing, coding, and building of programs. It is also considered a branch of computer science, but it focusses more on the design of the computer software, operating systems, and database programs. Both of these careers are not required to interact with the users as much. When it comes to Information Technology it's mainly technical support and maintaining the software or programs already designed or created. All 3 careers are related and necessary to each other. There are multiple careers I could pursue by having a computer science degree or an Information system degree.

One career I could pursue would be Computer System Analyst, which consists of studying and researching certain organizations' computer systems, procedures, and design solutions to help the organization operate more effectively and efficiently. Most of the job would require me to be in front of the computer and interact with organizations, working as an IT for them through their computer problems. I could also become a Database Administrator which would require me to specialize in specific software and organize data, which could be anything related to financial and customer shipping information. My main job would be to make sure data is available to users and secure unauthorized access. There is also Information Systems Analyst which is dedicated to carrying out security measures to protect organizations' computer networks and systems. Responsibilities for this kind of job are continually expanding due to the increase of cyber attacks. All 3 of these careers fall under the pay range of 80k to 200k depending on the experience, which stands around 30k higher than the median wage for all occupations in 2017. All of these careers are related to a branch of computer science but more related to the consumers' side.

My greatest interest in this field is information technology (IT). I could do anything around Computer Support Specialist, Computer System Analyst, or Information Security Analyst. My interest right now is anything related to helping organizations, customers, and users of technology understand and know how to incorporate it efficiently on their everyday life. I want to be able to help users do their job and not have to worry about the computers not functioning properly. I enjoy helping and teaching people how to use products and eliminating any worries they may have, regarding programs or software they don't fully understand. A career on this field would allow me to interact with public or private organizations and help them grow

technologically. Designing or programming the actual software or operating systems wouldn't be something I would like to dedicate my life to. That's the reason of why I have decided the path I'm currently on, which is Computer Information Systems.

If you have any more questions regarding my future, please let me know. There are a lot more things I could say to explain why this is the field I'm interested in.

I love you all,

Dani, Your daughter.

