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**CS3U\_Computer Careers**

1. Provide a description of each of the following computer related careers:
2. Software Engineer

Creates and develops new, more efficient software

1. Database administrator

Manage the storage of data with the use of specialized software

1. Systems Analyst

Analyzes a complex process or operation in order to figure out how to improve its efficiency.

1. Network Administrator

Make sure hardware and network infrastructure are effectively maintained.

1. Web Developer

Specializes in the development of applications for the World Wide Web.

1. Computer Programmer
2. What are the admission requirements for computer science at Waterloo University? Make sure to include the admission average as well.
3. Describe the Co-op feature of the computer science program at Waterloo.
4. List at least three different example co-op positions you may be involved in if you enter into this program.
5. List at least three types of careers, graduates of this program have entered into.
6. What is CIPS?
7. What are the key differences between the admission requirements for entry to the software engineering program at waterloo as opposed to those for computer science?
8. What are the requirements for entry into the Computer Programmer College Diploma program at Seneca?
9. How long is this program?
10. How long is the Computer Engineering program at Ryerson University?
11. What are the high school courses you would need to take to apply to this program?
12. List at least 5 companies hiring computer science graduates.
13. Find and summarize an article (include URL) describing the future employment opportunities for computer science graduates.
14. Find and summarize an article (include URL) describing the working conditions of most computer programmers.