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What can I do with my studies in Computer Science

Depending on my interests and experience, possible job titles:

- Application Developer
- Artificial Intelligence Programmer
- Computer Engineer
- Computer Installation & Test Specialist
- Computer Marketing / Sales Representative
- Computer Programmer
- Database Administrator
- Database Analyst
- E-Commerce Software Developer
- Game Developer
- Information Systems Analyst
- Information Technology Analyst
- Interactive Media Developer
- Network Architect
- Network Programmer
- Network Security Analyst
- Numerical Analyst
- Production Support Specialist
- Programmer Analyst
- Software Development Specialist
- Software Engineer
- Software Support Specialist
- Systems Architect / Engineer
- Systems Programmer
- Technical Support Representative

The information in this handout will provide you with ideas as to some typical careers/jobs that are associated with your degree, along with alternative careers that may not be as directly related to what you have studied. This by no means implies that these jobs are the only options you have. These careers are just samples of what you can do if you have the appropriate skills and experience.

Possible job titles outside my area of study:

- Analyst, Investment Banking
- Analyst, Management Consulting
- Business Analyst
- Telecommunications Specialist
- Computer Facilities Manager
- Electronic Commerce Specialist
- Financial Analyst
- Market Research Analyst
- Technical Writer

Try searching for the job titles shown on this page at either **jobbank.gc.ca** or **careercruising.com**, where you'll find career descriptions, profiles and job outlooks (login details for Career Cruising available by contacting CaPS).

If you're feeling a bit lost and you're curious about your future career options, we encourage undergrads to register for the Undergrad Hive career exploration program. Feel free to come by the CAPS office to make an appointment with a career advisor to discuss your career options and job search strategies.

Related Skills:

- Ability to classify and systemize
- Ability to organize and simplify
- Ability to think logically and critically
- Abstract and formal researching
- Analytical and quantitative abilities with strong problem solving skills
- Designing and conceptualizing systems
- Detail-oriented and thorough
- Knowledge of operating systems
- Numerical computation

This handout is available online at www.mcgill.ca/caps/discipline

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Areas of Employment:

- Administration
- Advertising Agencies
- Artificial Intelligence   Associations
- Banking & Financial Institutions
- Biomedical Companies
- Broadcasting Computer Consulting Firms
- Computer Manufacturers
- Computer System Design and Analysis
- Educational Institutions
- Electronic Commerce
- Genomics & Proteomics (Includes Bioinformatics)
- Governments
- Information Technology and Data Processing
- Management Consulting
- Medical Devices
- Multimedia
- Nuclear Energy
- Oil & Gas
- Pharmaceuticals & Cosmetics
- Railway Services
- Research Institutions
- Research Operations
- Robotics
- Semiconductors
- Services Industries
- Simulation
- Software & Information Services
- Software Engineering
- Teaching

Associations & Websites:

- Association of Computing Machinery

  https://www.acm.org/
- Canada's Association of I.T. Professionals

  http://www.cips.ca/
- Canadian Artificial Intelligence Association

  https://www.caiac.ca/
- Centre francophone d'informatisation des organisations (DEFRIO)

  https://cefrio.qc.ca/
- Information and Communications Technology Council

  https://www.ictc-ctic.ca/
- Institute of Electrical and Electronics Engineers (IEEE) Computer Society

  https://www.computer.org/
- IT World Canada

  https://www.itworldcanada.com/