

# Computer Science

## Career Possibilities

*Some options may require further/prior education*

- |   |                                    |
|---|------------------------------------|
| Applications Programmer                 | Internet Consultant                |
| Artificial Intelligence Programmer      | Internet Security Analyst          |
| Business Systems Analyst                | Internet/Web Application Developer |
| Computer Aided Design Technician        | Network Administrator              |
| Computer Consultant                     | Network Programmer                 |
| Computer Engineer                       | Project Manager                    |
| Computer Installation & Test Specialist | Research Analyst                   |
| Computer Programmer                     | Robotics Programmer                |
| Data Scientist                          | Software Developer                 |
| Data Processing Manager                 | Software Support Specialist        |
| Database Developer                      | Systems Analyst                    |
| Game Developer                          | Systems Engineer                   |
| Interface Designer                      | Technical Sales Representative     |
|   | Webmaster                          |
|   | Website Designer                   |













## Degree Specific Skills

- Ability to Understand Complex Concepts
- Abstract & Formal Reasoning
- Analytical & Problem Solving Skills
- Attention to Detail
- Compiling & Organizing Information
- Critical Thinking Skills
- Deductive Reasoning
- Documentation Skills
- Evaluating Ethical & Practical Dilemmas
- Evaluating Ideas, Theories & Evidence
- Knowledge of Programming Languages
- Knowledge of Operating Systems
- Mathematical Skills
- Observation Skills
- Oral & Written Communication Skills
- Precision & Accuracy
- Presenting Summaries & Research Findings
- Project Management Skills
- Report Writing
- Technical Writing
- Troubleshooting Skills
- Working in a Team

## Brock Competencies

*The knowledge, skills and attributes that students develop through their curricular and co-curricular experiences and reflection.*

- |  |  |  |
|--|--|--|
|  Act Innovatively |  Collaborate Effectively    |  Practice Intercultural Fluency |
|  Apply Knowledge  |  Communicate Effectively    |  Surgite!                       |
|  Be Curious       |  Engage with Your Community |  Think Critically               |
|  |  Know Yourself              |  |

# Career & Job Search Resources

**Brock University CareerZone**  
[careerzone.brocku.ca](http://careerzone.brocku.ca)

**Indeed**  
[ca.indeed.com](http://ca.indeed.com)

**Job Bank**  
[jobbank.gc.ca](http://jobbank.gc.ca)

**LinkedIn**  
[linkedin.ca](http://linkedin.ca)

**TalentEgg**  
[talentegg.ca](http://talentegg.ca)

**Canadian Game Devs**  
[canadiangamedevs.com](http://canadiangamedevs.com)

**Canadian Information**

**Processing Society**  
[cipsresources.ca/jobs](http://cipsresources.ca/jobs)

**Canada IT**  
[canadait.com](http://canadait.com)

**Canadian Research**  
[canadianresearch.org](http://canadianresearch.org)

**Computer Work**  
[computerwork.com](http://computerwork.com)

**Computer World**  
[computerworld.com](http://computerworld.com)

**IT World Canada**  
[jobs.itworldcanada.com](http://jobs.itworldcanada.com)

**Just Tech Jobs**  
[justtechjobs.com](http://justtechjobs.com)

## Professional Associations

**Association for Computing Machinery**  
[acm.org](http://acm.org)

**Canadian Information Processing Society**  
[cips.ca](http://cips.ca)

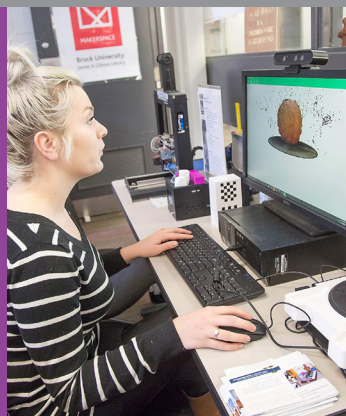
**Computing Research Association**  
[cra.org](http://cra.org)

**Entertainment Software Association of Canada**  
[theesa.ca](http://theesa.ca)

**IEEE Computer Society**  
[computer.org](http://computer.org)

**International Game Developers Association (IGDA)**  
[igda.org](http://igda.org)

**Technation Canada**  
[technationcanada.ca](http://technationcanada.ca)



## Experience More

**Brock University Ten Thousand Coffees Alumni Mentorship Program**  
[brocku.tenthousandcoffees.com/signup](http://brocku.tenthousandcoffees.com/signup)

**Brock University Volunteer Association (BUVA)**  
[experiencebu.brocku.ca/organization/buva](http://experiencebu.brocku.ca/organization/buva)

**CareerZone Student Resources**  
[careerzone.brocku.ca](http://careerzone.brocku.ca) > Student Resources

**ExperienceBU**  
[experiencebu.brocku.ca](http://experiencebu.brocku.ca)

**Experiential Learning Courses at Brock**  
[brocku.ca/ccee/experiential-education/experiential-learning-courses-at-brock](http://brocku.ca/ccee/experiential-education/experiential-learning-courses-at-brock)

**Going Global**  
\*accessed through CareerZone  
[careerzone.brocku.ca](http://careerzone.brocku.ca)

**INCommunities: Niagara's Volunteer Centre**  
[niagara.cioc.ca/volunteer](http://niagara.cioc.ca/volunteer)

**Ontario Internship Program**  
[internship.gov.on.ca](http://internship.gov.on.ca)

**SPARK Ontario**  
[findmyspark.ca](http://findmyspark.ca)

**Volunteer Canada**  
[volunteer.ca](http://volunteer.ca)

## Further Education & Entrance Exams

**Brock Master of Science Degree (MSc)**  
[brocku.ca/mathematics-science/computer-science/programs/graduate](http://brocku.ca/mathematics-science/computer-science/programs/graduate)

**Brock University Graduate Studies**  
[brocku.ca/graduate-studies](http://brocku.ca/graduate-studies)

**Canadian Universities and Colleges**  
[canadian-universities.net](http://canadian-universities.net)

**Graduate School Guide (US & CA)**  
[graduateguide.com](http://graduateguide.com)

**Kaplan Test Prep and Admissions**  
[kaptest.com](http://kaptest.com)

**The Princeton Review**  
[princetonreview.com](http://princetonreview.com)

**School Finder**  
[schoolfinder.com](http://schoolfinder.com)

 **BrockCareerZone**

 **BrockCareerZone**

 **careerzone.brocku.ca**

 **CareerZone Blog**

**Brock**  
University

Co-op, Career & Experiential Education