

Computer Science

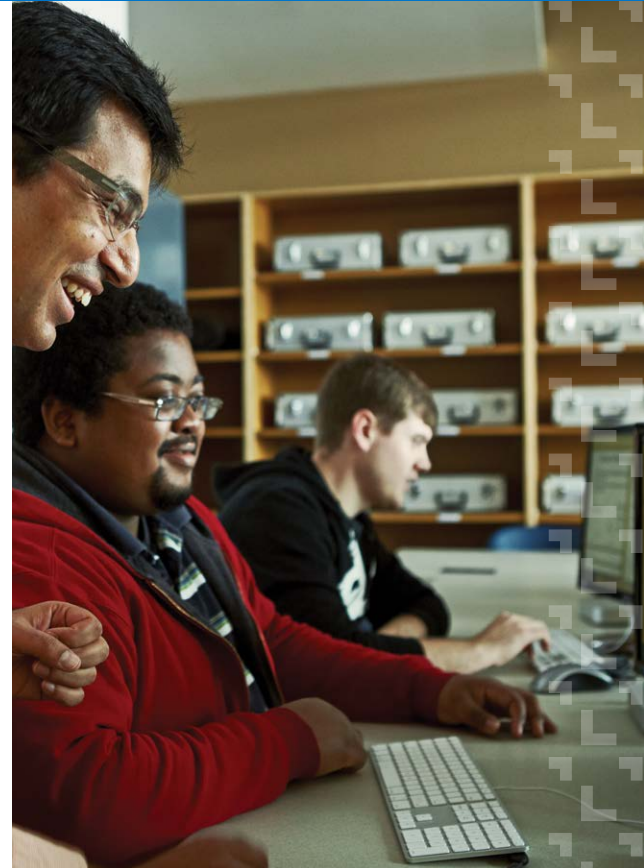
- How** can you develop mobile and web applications?
- How** do we use machine learning to build smarter software?
- How** does computer hardware execute programs?
- How** can we use computers to solve difficult problems efficiently?
- How** can we create informative simulations and visualizations?

Computer science is the study of software, algorithms and computing. Our four-year undergraduate program ensures our graduates develop the skills they need to thrive in tomorrow's job market.

Pursue your studies through the Computer Science (Honours) program, or choose to specialize in either Data Science or Digital Media.

Augment your learning experience through our five-year co-op option.

Graduates will be equipped with the latest computer science knowledge to build successful careers in the tech industry.



What will I study?

- Computer Graphics and Visualization
- Computer Vision
- Database Systems and Concepts
- Design and Analysis of Algorithms
- Human-Computer Interaction
- Information Visualization
- Machine Learning, Theory and Application
- Massively Parallel Programming
- Mobile Devices
- Quantum Computing Software and Applications
- Software Design and Analysis
- Web Application Development

What can I do with my degree?

Computer Science opens the door to a variety of lucrative careers. Example options for Computer Science graduates include positions in:

- Engineering firms
- Enterprise software companies
- Financial institutions
- Government and public sector
- Robotics and autonomous vehicle companies
- Software startups
- Web and social media companies

An undergraduate degree in Computer Science allows you to pursue graduate studies. This includes our Master of Science program in Computer Science.

Want more information?

Faculty of Science
2000 Simcoe Street North
Oshawa, Ontario L1G 0C5
Canada

905.721.3190
connect@ontariotechu.ca
ontariotechu.ca/programs



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