

DAVID R. CHERITON SCHOOL OF COMPUTER SCIENCE

CO-OP OR REGULAR

#1 in Canada as the largest centre for mathematics and computer science

98.6% co-op employment rate

Join a program with an international reputation

The David R. Cheriton School of Computer Science is the largest academic computer science research centre in Canada. Here, you are in charge of your ideas. With 16 research areas and deep connections to Canada's growing tech sector, you'll have the chance to help uncover the newest research and experience your own entrepreneurial adventure while working alongside leading experts. From machine learning to big data, you will explore the many sectors in the world of computing.

COURSE SAMPLES

FIRST SEMESTER

- > Designing Functional Programs
- > Algebra
- > Calculus 1
- > (1) Communications course
- > (1) Elective

SECOND TERM

- > Algorithm Design and Data Abstraction
- > Linear Algebra 1
- > Calculus 2
- > (2) Electives

CAIO SOUZA

COMPUTER SCIENCE, HONOURS CO-OP

PROGRAM HIGHLIGHT

"Waterloo has an incredible reputation for Mathematics and especially for Computer Science. I like the amount of theoretical knowledge I have obtained through my time here. In combination with the co-op jobs, I have been able to apply the theory in a practical setting."

GO-OP EXPERIENCE

Caio has completed three co-op terms and is returning to one of his previous employers for an 8-month placement. He enjoys getting the opportunity to work on a variety of projects, collaborate with professional teams, and experience a variety of fields and technologies while being immersed in a positive company culture.



WATERLOO IS A GLOBAL LEADER IN CO-OPERATIVE EDUCATION

CO-OP AT WATERLOO = REAL WORLD EXPERIENCE

Get ahead of the competition with 2 years of work experience and earn up to \$120,000 over 6 work terms. Explore potential careers, gain contacts, and build your skill set to prepare you for some of the 4,000 co-op employers worldwide. The Centre for Career Action is available to assist all students in developing their interview skills and navigating career paths. Computer Science has multiple study/work sequences available, which you will choose when making your course selection.

STUDY AND CO-OP SEQUENCE 1*

YR.	TERM	REGULAR	SEQ. 1
1	Fall	Study	Study
	Winter	Study	Study
	Spring	Off	Work
2	Fall	Study	Study
	Winter	Study	Work
	Spring	Off	Study
3	Fall	Study	Work
	Winter	Study	Study
	Spring	Off	Work
4	Fall	Study	Study
	Winter	Study	Work
	Spring		Study
5	Fall		Work
	Winter		Study

* This is a regular study sequence. It's one of the possible sequences of your study and co-op terms.



Caio's extracurriculars include Archery Club and intramural soccer and volleyball. He is also a Residence Don at St. Jerome's University.

ENRICHMENT OPPORTUNITIES

Get hands-on experience and explore the realm of research by applying for one of the undergraduate enrichment programs. If you're interested in applying for graduate school, these opportunities are a great way to get introduced to the field.

- > Velocity – entrepreneurship program
- > Undergraduate Research Assistantship
- > NSERC Undergraduate Student Research Awards
- > Undergraduate Research Internship

PROGRAMS

- > Computer Science (BCS/BMath)
- > Software Engineering (BSE)
- > Business Administration and Computer Science (BBA/BCS) – joint program with Laurier
- > Computer and Financial Management (BCFM)

FUTURE CAREERS

- > Programmer, Digital Extremes
- > Senior Software Developer, SAP
- > Senior Technology Consultant, United States Patent and Trade Office
- > Software Engineer, Google
- > UX Designer, Dolby Laboratories

#1 in Canada for partnerships with employers



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FACULTY OF MATHEMATICS
COMPUTER SCIENCE ACADEMIC ADVISOR

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