Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

December 1, 2021
Plan

1 Overview
Objectives

1. Give a brief presentation of graduate programs
   https://www.csd.uwo.ca/graduate/current/index.html
2. Answering your questions like *why going to graduate school?*
3. What you may not know:
   - Graduate school comes in different flavors
   - Financial support
   - Scholarships and industry internship opportunities
Agenda

13:30  Opening remarks by Graduate Chair
13:35  Welcome address by Department Chair
13:40  I am in 4th year: what to do next?
13:45  Salary trajectories: BSc vs MSc
13:50  *Doing research in our department*
13:55  Questions and answers with senior graduate students
14:10  *Details on graduate programs*
Computer Science Department: Administration

Administration

Department Chair: Dr. Michael Domaratzki
Graduate Chair: Dr. Marc Moreno-Maza
Undergraduate Chair: Dr. Mahmoud El-Sakka (Winter) and Dr. Michael Katchabaw (Fall)
Graduate Program Assistant: Janice Wiersma
Administrative Officer: Lindsay Bos
Undergraduate Program Coordinator: Alex Bannon
Administrative Assistant: Sara Willemse
Program Coordinator: Rim Zakaria

System Group

- Joe Clarke (System Administrator)
- Gary Molenkamp (System Administrator)
- Art Mulder (Web Manager / Software Specialist)
- Jeff Shantz (Manager, Technology and Computing Services)
- Hisham Shoblaq (Client Support Specialist)
- Ticketing system
Computer Science Department: Research

Graduate students

- As of January 1: 51 MSc thesis/project, 28 MSc course-work and 57 PhD students, total: 136 students.
- Since January, 14 PhD students and 16 (resp. 2) MSc students defended their theses (resp. directed studies).
- 25 Students started last January and 54 started this September.

Faculty members

- 22 research faculty members + 2 full-time lecturers
- A research intensive department
- Strong connections with industry (in particular through MITACS and NSERC with companies like Bell, IBM, Microsoft, Maplesoft, . . . )
Research areas

- Artificial intelligence & Games
- Bioinformatics
- Computer algebra
- Data analytics
- Distributed systems
- Computational neuro-sciences
- Software engineering
- Vision and image processing
- Theoretical computer science
Facilities

Hardware

- All graduate students can receive office space and a desk computer upon request
- Graduate Lounge: MC 312

Software

UWO account: access to the wireless, OWL, Zoom, etc.

OWL access: OWL is UWO’s online learning management system

Web page: You are encouraged to create your own Web page
Learn and use advanced technology:

1. The SHARCNET consortium
   https://www.sharcnet.ca/my/front/
2. Compute Canada https://www.computecanada.ca/

Do real research:

Do industry internships within a real research project:

1. MITACS internships https://www.mitacs.ca/
2. IBM CAS internships https://www-01.ibm.com/ibm/cas/canada/

Build connections:

1. Attend conferences http://2017.hpcs.ca/
Graduate school: opportunities

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3. Do industry internships within a real research project
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② Do **real** research

③ Do **industry internships** within a **real research project**
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④ Build **connections**:
   • Attend **conferences** http://2017.hpcs.ca/
   • Do internships abroad https://www.mitacs.ca/en/programs/globalink/globalink-research-internship
So, why not going to graduate school?

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- Research: an opportunity to contribute to knowledge.
- CS is a young field with new topics emerging every year.
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• Canada Graduate Scholarships-Masters Program

• Ontario Graduate Scholarships (OGS) and QEII Graduate Scholarships in Science and Technology (QEII-GSST)
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• If you apply for a scholarship to be held at UWO, you can contact potential supervisors; she/he may help you to write the application.

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