Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

November 28, 2018
Plan

1. Overview

2. Graduate School of Computer Science at Western
Objectives

1. Give a brief presentation of our graduate school
   http://www.csd.uwo.ca/current_students/graduate_students/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  Welcome and lunch!
13:35  I am in 4th year: what to do next?
13:40  Salary trajectories: BSc vs MSc
13:45  Doing research in our department
13:50  Details on graduate programs
14:00  Questions and answers
14:20  Closing remarks
Plan

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2. Graduate School of Computer Science at Western
Computer Science Department: Staff

Administration

Department Chair: Dr. Hanan Lutfiyya
Graduate Chair: Dr. Marc Moreno-Maza
Undergraduate Chair (acting): Dr. Mahmoud El-Sakka

Office Staff

• Lindsay Bos (Administrative Officer)
• Dianne McFadzean (assistant to the chair)
• Cheryl McGrath (undergraduate assistant)
• Janice Wiersma (graduate assistant)
• Rim Zakaria (program coordinator)

Science Technology Services

• Joe Clarke (System Administrator, Faculty of Science)
• Gary Molenkamp (System Administrator)
• Art Mulder (Web Manager / Software Specialist)
• Jeff Shantz (Manager, Technology and Computing Services, Faculty of Science)
• Hisham Shoblaq (Client Support Specialist)

https://www.csd.uwo.ca/people/sts.html
Computer Science Department in Numbers

Statistics

• 20 faculty members + 1 full-time lecturer
• 149 graduate students (increase by 15 w.r.t. 2017-2018 and 40 w.r.t. 2016-2017)
• A research intensive department
• Good contacts with industry (in particular through MITACS and with Bell, IBM, Microsoft, Maplesoft, . . . )
Computer Science Department: Research Areas

Research areas

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

For graduate students

- Grad student/faculty offices:
  - Middlesex College: 3rd, 4th floors, part of 2nd floor and basement
- Access to all undergraduate labs (Middlesex College basement, 2nd, 3rd floors)
- All graduate students receive office space and computer
- Graduate lounge: MC 312
Graduate school: opportunities

1. Learn and use advanced technology:
   - The SHARCNET consortium
     https://www.sharcnet.ca/my/front/
   - Compute Canada https://www.computecanada.ca/

2. Do real research

3. Do industry internships within a real research project
   - MITACS internships
     https://www.mitacs.ca/
   - IBM CAS internships
     https://www-01.ibm.com/ibm/cas/canada/

4. Build connections:
   - Attend conferences
     http://2017.hpcs.ca/
   - Do internships abroad
     https://www.mitacs.ca/en/programs/globalink/globalink-research-internship
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- CS is a young field with new topics emerging every year.
Scholarships

- Canada Graduate Scholarships-Master’s Program

- Ontario Graduate Scholarships (OGS) and QEII Graduate Scholarships in Science and Technology (QEII-GSST)
  https://grad.uwo.ca/current_students/student_finances/ogs.html

- 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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