Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

February 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
   - Industry internship opportunities
   - ...
Agenda

13:35 Ethan Jackson, James Hughes (PhD candidates)
13:45 Mahmoud El-Sakka (Undergraduate chair) the career points of view
13:55 Hanan Lutfiyya (Department chair) research in our department
14:05 Marc Moreno Maza details on graduate programs
14:15 Questions and answers
14:30 Closing remarks
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Computer Science Department: Staff

Administration

Department Chair: Dr. Hanan Lutfiyya
Assistant to the Chair: Dianne McFadzean
Graduate Chair: Dr. Marc Moreno-Maza
Graduate Program Assistant: Janice Wiersma
Undergraduate Chair (acting): Dr. Mahmoud El-Sakka
Undergraduate Assistant: Cheryl McGrath

Office Staff

- Janice Wiersma (graduate assistant)
- Cheryl McGrath (undergraduate assistant)
- Dianne McFadzean (assistant to the chair)

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
Statistics

- 23 faculty members + 1 full-time lecturer
- 134 graduate students (increase by 25 w.r.t. 2016-2017)
- A research intensive department covering a large spectrum of areas
- 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
- 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.
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Scholarships

- Canada Graduate Scholarships-Masters 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.

Start the process early and apply to the selected UWO graduate school before submitting the scholarship application.
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