Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

March 18, 2020
Plan

1. Overview

2. Graduate School of Computer Science at Western
Objectives

1. Give a brief presentation of our graduate school
   https://www.csd.uwo.ca/graduate/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
13:30 Welcome!
13:35 I am in 4th year: what to do next?
13:40 Salary trajectories: BSc vs MSc
13:45 Experiences from current graduate students
14:00 Doing research in our department
14:05 Streams of the graduate programs
14:05 How to apply to the graduate programs?
14:10 Questions and answers

This set of slides.
Plan

1. Overview

2. Graduate School of Computer Science at Western
Computer Science Department in Numbers

Numbers

- 20 faculty members + 2 full-time lecturers
- 150 graduate students
- A research intensive department
- Strong connections with industry (in particular through MITACS and with 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
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.compute.canada.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-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](https://grad.uwo.ca/current_students/student_finances/ogs.html)

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