Undergraduate Artificial Intelligence Day 2013

1   Program

1.1   Seminar: 4pm-6:30pm in BA1190

- **Fahiem Bacchus** introduces Knowledge Representation and Reasoning (KR) and **Amirali Salehi-Abari** presents "Social Choice on Social Networks"

- **Frank Rudzicz** introduces Computational Linguistics (CL) and **Patricia Thaine** presents "Archaeological Decipherment"

- **Kyros Kutulakos** introduces Computer Vision and **Mohammad Norouzi** presents "Big Data meets Computer Vision"

- **Rich Zemel** introduces Machine Learning and **Kevin Swersky** presents "Automatically Tuning Machine Learning Models"

- **Anna Goldenberg** introduces Computational Biology and **Harun Mustafa** presents "The Computational Side of Computational Biology"

1.2   Reception: 6:30pm-8pm in BA3200

Come and talk with the Artificial Intelligence Community at U of T! Faculty, Graduate and Undergraduate Students from all 5 AI research groups will be present and looking forward to mingle with enthusiastic attendees, over some delicious food.

2   What AI courses should I take?

Information about all the AI courses at U of T is present here:

<p style="text-align:center">http://www.cs.toronto.edu/∼uaig/courses.html</p>

3   How do I get involved in AI?

3.1   Join the Undergraduate Artificial Intelligence Group

The Undergraduate Artificial Intelligence Group (**UAIG**) aims to bring together University of Toronto students interested in the various sub-fields of Artificial Intelligence. We hope to educate group members about the terms and concepts related to these sub-fields with the purpose of increasing awareness about past, current and potential future research directions. Regular group meetings are used to accomplish this, as well as to serve as a breeding ground for ideas and to stimulate discussion.

Information on **UAIG** Meetings, Projects, Talks, etc. as well as AI research opportunities, AI courses and anything AI related at U of T is present on our website:

<p style="text-align:center">http://www.cs.toronto.edu/∼uaig/</p>

3.2 Get involved in Research

There are a few opportunities to conduct research with the AI group that are open to undergrad students:

- **Funded Summer Research**

  - **UTEA (NSE) - University of Toronto Excellence Awards (in the Natural Sciences and Engineering)** - Presently the only research funding opportunity open to international students (with the URF).
  - **(NSERC) USRA - (Natural Science and Engineering Research Council) Undergraduate Student Research Award** - The standard option for Permanent Residents of Canada.
  - **UTRECS - Undergraduate Toronto Research Experience in Computer Science** - This is an opportunity for non-UofT undergraduate students to conduct research with the group.

- **Research Courses**

  - **CSC490/CSC491** - Students work on a research project in a class setting.
  - **CSC494/CSC495** - Students work individually with a professor (Computer Science).
  - **COG499** - Students work individually with a professor (Cognitive Science).

- **Other Research Opportunities**

  - **URF - Undergraduate Research Fund** - The Arts and Science Faculty's versatile research fund, note that it requires to justify all usage of the funding.
  - **Research Assistant** - A professor hires you outside the scope of the options above, you may receive a salary and/or office at the prof's discretion.

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http://www.cs.toronto.edu/∼uaig/research.html

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3.3 Attend other AI-related events

The department hosts all year round tons of AI-related seminars, discussion groups, research showcases and more:

- **Distinguished Lecture Series**: Every year, the department invites a small number of distinguished speakers to come to the department. Our speakers are leaders in the field of computer science, coming from academia and industry. More info at: **http://web.cs.toronto.edu/news/lectures.htm**

- **Research in Action**: Every year, the Department of Computer Science opens its doors to host Research in Action (RIA), a research showcase that welcomes the general public and industry representatives from the Greater Toronto Area and beyond. More info at: **http://web.cs.toronto.edu/research/ria.htm**

- **More Events on the DCS calendar**: More info at: **http://web.cs.toronto.edu/news/current.htm**

In addition to these departmental events, research groups have their own mailing lists, and even professors maintain mailing lists for their students. More info on how to join those at: **http://www.cs.toronto.edu/∼uaig/life.html**.

The **Cognitive Science and Artificial Intelligence Student Association** (CASA) organise some great events, complementing the technical side that we (**UAIG**) usually emphasize, with a Cognitive Science perspective. More info on their website: **http://cogsci.ca/**.