DCS graduate students are automatically linked to a strong industrial community, through faculty connections and research partnerships. A significant fraction of our graduate students take time off to pursue internships with top companies, including Microsoft, Google, IBM and many others. These industrial opportunities complement the academic experience and allow students to appreciate their contributions from another perspective.

> *Exceptional opportunities arose for me from being a part of the computer science department at the University of Toronto. For example, I was able do an internship at Microsoft Research, working on computational biology problems related to HIV vaccine design. This experience, in turn, led to a fabulous post-doctoral position at Microsoft Research.*

Jennifer Listgarten
Ph.D. 2007

Top companies also come to campus to meet with students, seeing research work and recruiting for positions. Through affiliations with the UofT Career Centre and the department's own faculty, our graduate students have numerous occasions to show off their work and stay at the forefront of computer science.

A Strong Alumni Base

DCS has 6,000 alumni working at top universities, research labs, start-ups and companies such as Vodafone, the Royal Bank of Canada, Google, Yahoo!, Microsoft, Pixar Animation Studios, Autodesk and IBM. Our alumni maintain connections with the department, collaborating with research, participating in mentorship programs and coming to campus for events such as industry talks and the annual Spring Reunion reception. They are also a valuable resource for research opportunities and career placement.

Applying to the Computer Science Graduate Program

UofT School of Graduate Studies Web Page:
www.gradschool.utoronto.ca

Admissions Information and Application Instructions:
www.cs.toronto.edu/dcs/prospective-grad.html

Program Descriptions and Course Information:
www.cs.toronto.edu/dcs/current-grad.html

Department of Computer Science Web Page:
www.cs.toronto.edu

**Live in a great city
with smart colleagues,
work on challenging problems
and find solutions that
make a major impact.**

**Join us at UofT's
Department of Computer Science.**

GRADUATE

*Collaboration.
Innovation.
Discovery.*

*Your program.
Your future.*

Be a Leader in the Field of Computer Science

A graduate degree in computer science brings you into the workplace at a higher level. Professionals who have a graduate academic background have superior status, make a higher salary and have more options. In academia, our graduates work on long-term, high-impact projects that shape the entire discipline. In the industrial world, employees with a Master's or a Ph.D. are more often leading projects, not simply working on them.

> *UofT's graduate computer science program combines three essential qualities that Tucows looks for in developers: a solid basis in the theory of computing, experience with real-world software development and self-driven study that a programmer needs in order to keep up with ever-changing technologies. At Tucows, we value people with depth of knowledge, breadth of experience and initiative. This is the sort of person a place with UofT's reputation attracts, and it's also the sort of person we're looking for.*

Elliot Noss
President and CEO, Tucows, Inc.

> *Grad studies at the University of Toronto was a life-changing experience. Not only did I indulge my passion for computer science, but I also acquired invaluable research and teaching skills that enabled me to pursue a successful academic career.*

Pascal Poupart
Assistant Professor
University of Waterloo

UofT Computer Science Research Areas:

Applied and Discrete Mathematics
Artificial Intelligence
Computational Biology
Computer Graphics
Computer Systems and Networks
Database Systems
Human Computer Interaction
Numerical Analysis
Programming Languages
 and Methodologies
Software Engineering
Theory of Computation
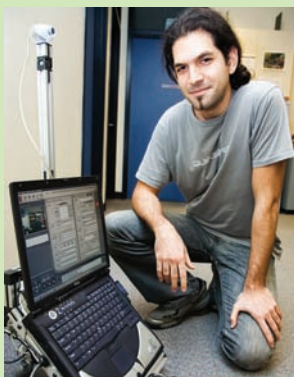
A Great University in a Great City

Toronto is the largest city in Canada, and one of the most multicultural cities in the world. It offers diverse, colourful neighborhoods and a multitude of galleries, museums, restaurants, entertainment options and sporting events. Toronto is also a multimedia, financial and medical hub. It is home to more nationally and internationally top-ranked companies than any other Canadian city, and has the largest concentration of private Information and Communication Technology facilities in the country (third-largest in North America). The best hospitals in the country are also in Toronto, and ten are UofT affiliates.

The University of Toronto (UofT) offers a diverse network of excellent academic programs and partners. The university boasts a rarefied combination of world-respected academic programs, and is the top recipient of scholarly prizes and awards in Canada.

The university encourages a true collaborative atmosphere. This is particularly important for a field like Computer Science, where great impact lies in interdisciplinary research. Academic excellence flourishes in this environment: UofT is recognized as having published the second highest number of scholarly articles by any North American university.

Financial Support for Students

The university has made graduate studies a priority; we guarantee every full-time degree graduate student full funding for at least five years of graduate work, at competitive levels, provided that they are making satisfactory progress in their graduate program. University support is designed to allow students time to pursue their research, and can be further supplemented by internal and external scholarships.

Computer Science at the University of Toronto

Here at UofT, you are in a great position to pursue cutting-edge research. Graduate students work on projects with internationally acclaimed faculty in all areas of Computer Science, as well as emerging interdisciplinary fields.

FACULTY

Graduate studies are a central focus of the Department of Computer Science (DCS). We currently offer two graduate programs, leading to M.Sc. and Ph.D. degrees. We have one of the largest graduate programs in the country with nearly 300 students involved in state-of-the-art research projects. Our students present and publish their work consistently at top conferences and in respected journals. Many of our students also take advantage of our strong ties to industry, participating in internship and fellowship programs, and doing research with companies during their graduate academic career.

> *Doing my graduate studies at the University of Toronto has allowed me to work with world-renowned professors in a friendly lab environment that promotes the success of its students. I have been researching interaction issues associated with volumetric displays, a new class of display which presents imagery in true three-dimensional space. We are one of the few labs in the world to have this unique piece of equipment.*

Tovi Grossman
Ph.D. Student,
Dynamic Graphics Project