

Giovanna Thron

EDUCATION

University of Toronto, Toronto ON

M.Sc. in Computer Science. *Sept 2008 – March 2010.*

- Research in theoretical computer science and graph theory under the supervision of Michael Molloy.
- Publications: *The adaptable choosability number grows with the choosability number*, Discrete Math (to appear); *An asymptotically tight bound on the adaptable chromatic number* (masters paper), J. Graph Theory (to appear)
- Presented results at the Ontario Combinatorics Workshop and the French Combinatorial Conference.
- Courses included graph theory, complexity theory, distributed computing, climate change informatics.

Swarthmore College, Swarthmore PA

B.A. in Mathematics and Computer Science. *Sept 2003 – June 2007.*

- Graduated with High Honors; double major in mathematics and computer science.
- Courses included statistics, algorithms, operating systems, artificial intelligence, natural language processing.

Budapest Semesters in Mathematics, Budapest Hungary. *Jan 2006 – May 2006.*

- Courses included topology, combinatorics, graph theory, number theory, theory of computing.

WORK EXPERIENCE

University of Toronto, Toronto ON

Computer Science Lecturer. *May – Aug 2010; Jan – May 2011; Sept 2011 – present.*

- Teach two sections of first year Python programming with 350 students and 11 teaching assistants.
- Prep and conduct lecture; hold office hours; design assignments, labs and tests; maintain course website; write scripts for handling submissions and marks; supervise teaching assistants, giving instruction for marking and tutorials.

Google, Mountain View CA

Software Engineer Intern. *May – Aug 2011.*

- Worked on Mobile Ads, writing code primarily in Python and Java.
- Designed User Interface Automation for testing Mobile Ads using Android Native Driver.
- Thoroughly tested new Mobile Ads feature on Android and iPhone, reporting bugs and verifying fixes.

Arany János and Felsővárosi Primary Schools, Gyöngyös Hungary

English teacher. *Sept 2007 – June 2008.*

- Taught English to Hungarian students in grades 4th–8th; designed lesson plans; judged English competitions.

Louisiana State University, Baton Rouge LA

Math REU (Research Experience for Undergraduates) participant. *June – July 2006.*

- Worked with Professor Neal Stoltzfus and several other students researching knot theory.
- Wrote paper entitled *Recursion of the Jones Polynomial on Two-Bridge Knots* (was awarded Heinrich W. Brinkmann Prize at Swarthmore College in May 2007 for best essay on a mathematical topic).
- Presented results at the Young Mathematicians Conference and the Joint Mathematics Meetings.

IBM, Westford MA

Intern. *Jan 2004.*

- Collaborated with another intern to design an e-mail program using Java and HTML.

ACTIVITIES

Hot Yam!, University of Toronto

Meal coordinator / Treasurer. *March 2009 – present.*

- Hot Yam! is a volunteer-run weekly mostly local & organic, vegan lunch at the University of Toronto.
- As meal coordinator: Coordinated volunteers and weekly meal leaders; ensured smooth running.
- As treasurer: Designed budget; managed finances; updated group on financial situation.
- As planning committee member: Help plan the opening of a new full service five day a week cafe.

CSGSBS (Computer Science Graduate Student Benevolent Society), University of Toronto

Member at large. *April 2009 – April 2010.*

- Coordinated activities for computer science graduate students during Grad Visit Day and Orientation Week.

INTERESTS

Passionate about sustainability, local food, international travel, baking (won University of Toronto best brownie contest), and making chocolate (worked at Byrne & Carlson in Maine and ChocoSol in Toronto).

COMPUTER SKILLS

Proficient in Python, Java, C, C++, Scheme, SQL, HTML, LaTeX.