

MILES GILCHRIST

23 Thornly Crescent, Toronto ON, M9B 2M4
(416) 797-7530, g2miles@cdf.toronto.edu, kilomiles.github.io

Education

Candidate for Honours Bachelor of Science

Computer Science and Cognitive Science Double Major
University of Toronto (St. George)

Toronto, ON
Sept. 2010 - Present

Ontario Secondary School Diploma

Martingrove Collegiate Institute

Etobicoke, ON
Jun. 2010

Work Experience

Head of Social Media

Blooms By Tanya

Toronto, ON
Oct. 2012 – Jan. 2015

- Created/maintained an Instagram account featuring floral arrangements for special events.

Head of Shipping

Sport Books Publisher

Toronto, ON
Oct. 2012 – Aug. 2013

- Processed incoming invoices and followed up with customers by e-mail/phone.
- Maintained an up to date inventory of textbooks, sports equipment, and shipping materials.
- Prepared textbooks and sports equipment for outgoing shipments.
- Updated student guides (PowerPoint files) to reflect changes in new textbook editions.

Production Assistant

MadCap Learning

Toronto, ON
May 2012 – Sept. 2012

- Helped in the early development of an interactive digital learning platform whose sponsors include The Bill and Melinda Gates Foundation and Pearson Education.
- Gathered and catalogued thousands of high-resolution images for use in educational software.
- Coordinated with groups of project leaders to meet various assignment expectations.
- Worked with minimal supervision to reach numerous task deadlines.

Karate Instructor

Northern Karate Schools

Toronto, ON
Sept. 2004 – Sept. 2010

- Guided children ages 5 to 16 through required moves and techniques.
- Successfully held large class sessions through collaboration with other instructors.
- Supervised students on day trips around the city during the school's summer camp.

IT Assistant

National Energy Equipment Incorporated

Mississauga, ON
Jun. 2010 – Aug. 2010
Jun. 2009 – Aug. 2009

- Provided general PC repair and troubleshooting for a branch with over 70 employees.
- Formatted new computers with system images for employee use.
- Responsible for packing, shipping, and receiving IT packages.

Skills and Knowledge

- Proficient in C, C++, Java, Python, shell scripting, web development (CSS3, HTML5, JavaScript, PHP, SQL) and more
- Familiar with software versioning and revision control (experience with Subversion and Git)
- Executive programmer for FIRST Robotics Team 854 (2007 – 2010)
- FIRST Robotics: Waterloo & GTA Regional Price Bronze Medalist; Delphi “Driving Tomorrow’s Technology” Award (2009)

Recent Projects

- Used HTML5 and JavaScript to make a canvas application with functionality similar to Microsoft Paint
- Worked with teammates to implement a web-based spaced repetition software system for learning new languages on the web
- Recreated the popular memory game Simon using a Cyclone II FPGA, written in Verilog