

Thomas Robinson

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Summary

I recently graduated from the University of Toronto, specializing in computer science and minoring in mathematics. My coursework exposed me to various types of software development and project management through a variety of hands-on assignments. My technical strengths are programming in Python, Java and C to develop web and desktop applications. I'm looking to jump into the fast paced world of software development in a challenging environment where I can grow, learn, and produce software that will see real use.

Education

Honors Bachelors of Science, University of Toronto, 2016, Toronto, Canada

- specializing in computer science with a minor in mathematics

High School Diploma, Glebe Collegiate Institute 2012, Ottawa, Canada

Technical Abilities

Programming languages

- Java (including android applications and desktop applets) and JavaScript
- C, C++
- Racket
- SQL, XPath and XQuery
- HTML
- CSS
- Python

Experience with Agile software development techniques including Scrum methodologies, as well the Django web framework.

Some examples of projects I completed include:

- My webpage built in the Django web framework with elements from the bootstrap library. Find it at thomasrobinson.herokuapp.com, it includes an online resume, a full course list and code samples.
- Developing an android application for emergency room triage.
- Developing a website to ease communication between professors and students using the agile software project management and development framework.
- Developing a website for community based crowdfunding. This included backend server-side work as well as front-end UI development.
- Developing a tool based on gamification principles for teaching computer science to elementary school children. This included research done using interviews and surveys with students and teachers at Toronto schools which in turn defined the functional requirements of the software before the beginning of development.
- Developing a web application that used machine learning and image analysis to recommend foundation shades to user based on a self-taken image. This included user research and validation, as well as business plan development for a viable monetization model.

Work Experience

Library Assistant, University of Toronto Downsview Storage Library, 2015 and 2016

- Assisted librarians with the management of a growing number of holdings that need sorting, labeling and archiving
- Used the library's database to enter and maintain the file associated to each volume of material

Part Time Support Officer, Canadian Embassy in Rome, 2013 to 2015

- Provided information to clients looking to immigrate to Canada and guided them through the requirements and processes of immigration
- Entered and maintained up to date client in the immigration databases and filing system.
- Created an internal wiki page for staff to capture processes and information they commonly used for their work, as well as to ease inter-departmental communication through a personnel database.
- Performed various administrative tasks with the embassy housing and finance departments
- Assisted staff with preparations for Canadian Industry events. Including design and production of materials and invitations to seek investors through trade shows and marketing events.

Customer Service Representative, Beaver Tails Concession stands, winter 2011 and 2012

- Took food and beverage orders and collected payments from customers
- Described the menu offerings and responded to customer inquiries
- Assisting people seeking help with general inquiries about Winterlude celebrations
- Bilingual position

Camp Counselor, Ottawa Tennis and Lawn Bowling Club, summers 2011 and 2012

- Responsible for the care of children aged 5 to 13 who were attending summer camp
- Organized the logistics and requirements for day to day events at the camp. This included tennis teaching and activities, swimming and various park activities, as well as improvised indoor activities in the event of inclement weather.
- Taught children tennis skills and the rules of the game
- Position required first-aid knowledge

Volunteer Work

- Volunteered to help set up and run the "Let's Play" tennis program at the OTLBC. Aimed to create an interest in Tennis among younger or novice community members while instilling basic tennis skills through free weekly activities.
- Volunteered for a service trip to Togo with the Espace Social charity in conjunction with the International School of Brussels. Fundraised through various events before the trip, aided with the construction of a library during, and raised awareness through assemblies and presentations afterwards.

Honors/Awards

Honor Role at Glebe Collegiate Institute 2010-2012

OTLBC Norman King Junior Award 2010-2011 season

Honor Role at The International School of Brussels 2007-2010

Languages

I'm fluently bilingual, able to speak and write in both English and French.