

ROSE XU

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SKILLS PROFILE

- Languages: Proficiency in Java, Python, and JS/HTML/CSS; familiarity with C, Scheme, and JSP
- Tools and Frameworks: experience using git, bash, Grunt, Bower, Eclipse, and Sublime; Full-stack web development experience with jQuery, Bootstrap, AngularJS, Backbone, and Spring
- Excellent teamwork and time management skills developed through participation in multiple sports teams throughout high school and university as well as collaboration in various group hackathon projects
- Independent, driven, and a quick learner: self-taught myself python following an online course offered by MITx in high school; participated in 7 hackathons to date
- Familiar with Windows operating system and Unix environment
- Fluent in English and Mandarin; Working proficiency in French

EDUCATION

University of Waterloo 2014 – 2019[expected]

- Candidate for *Bachelor of Computer Science and Financial Management*
- Cumulative Average: 91.4%
- Activities and Societies: Varsity Ultimate Frisbee Team, Women in Computer Science Committee, Intramurals Scorekeeper/Referee

Northern Secondary School 2010 – 2014

- Gifted Certificate, AP Scholar, Ontario Scholar
- Activities and Societies: Harvard-MIT Mathematics Tournament, Debating Team, Concert Band, Varsity Basketball, Badminton, and Ultimate Frisbee

EMPLOYMENT HISTORY

Software Developer Co-op, Loblaw Digital 5/4/2015 — present

Toronto, ON

- Working on full-stack, mobile-responsive web development on the Spring and Backbone framework for Loblaw's *Click and Collect* system; writing code in Java, JSP, Javascript, and CSS/LESS using Agile methodologies
- Added key new features including a search bar to the "Getting Started" flow, completely revamped the "Store Locator" page, worked extensively with Google Maps API, and refactored code to improve performance
- Participated in code reviews and worked with the QA team to ensure code is production-ready

Intramurals Scorekeeper/Referee, UWaterloo Campus Recreation 9/15/2014 — 4/1/2015

Waterloo, ON

- Maintained team satisfaction through detailed tracking of all administrative tasks including checking rosters, keeping score, managing time, and communicating with the participating teams
- Resolved and prevented conflicts through careful management of the game and strictly enforcement of rules
- Ensured the safe running of the game and encouraged good sportsmanship

Instructor, Kumon Inc. 1/1/2011 — 8/1/2012

Toronto, ON

- Explained advanced mathematical concepts such as derivatives and integrals to students aged from 10 – 16 despite being the youngest instructor
- Worked calmly in a high-pressure environment: responsible for up to 8 students at once, answering their questions and marking their homework in a diligent and efficient manner

EXTRACURRICULAR ACTIVITIES

Varsity Ultimate Frisbee Team

9/8/2014 — present

- Placed in regional and national competitions; prioritized time between course work and ultimate

Women in Computer Science Committee

1/5/2015 — 4/20/2015

- A member of a 10-people committee that planned weekly events such as technical workshops, guest speakers, and discussions geared towards supporting women in computer science;

PROJECTS [GITHUB.COM/ROSEXU]

SlangLang

- A Chrome extension that shows the user the definition of any word (slang and proper English) the user highlights in her browser. Download it here: <https://goo.gl/p14GWZ>
- Implemented in Javascript using jQuery; utilized concepts such as callbacks, ports, and message passing

Historical News

- Built a dynamic website that shows the user news articles that were published exactly ten years ago today;
- Developed in JavaScript, HTML, and CSS with AngularJS and Bootstrap; implemented API GET requests and worked with JSON data; automated extraction of current system time

Web Sight [MHacks Group Project]

- An app designed to help the blind browse the web by tracking finger movements using a Leap Motion and displaying them as five cursors on websites. Depending on which type of HTML elements each cursor hovers on, it sends different tactile to each finger through a special glove; placed in the top 30 out of 270 teams

University Match

- Developed an interactive program that takes user inputs and Maclean's University Report to create a tailored list of universities that best suits the student user
- Built using Java in Netbeans IDE; designed multiple GUIs; implemented data retrieval and parsing from text files; invoked various sorting algorithms

Personal Website – rosexu.github.io

- Fully responsive website built using JS/HTML/LESS, grunt for automating LESS compilation

AWARDS

Bloomberg Aptitude Test (BAT) score in the 95th percentile

(August 2014)

Term Dean's Honour List

(since Fall 2014)

Computing & Financial Management Entrance Scholarship

(September 2014)

Joan Atwood Trophy for Female Athlete of the Year

(2013, 2014)

Scored in top 25% at Thornhill Debating Tournament

(October 2013)