
SKILLS SUMMARY

- ▶ Experienced with Java, JavaScript and SQL.
- ▶ Familiar with CSS, HTML, Ruby on Rails, JRuby, C, Swift, Processing and Scheme.
- ▶ Experience developing projects using Git, Eclipse, RubyMine, Xcode and Android Studio.
- ▶ Four years experience independently and collaboratively developing multiple projects.
- ▶ Responsible, hardworking and organized.
- ▶ Motivated and able to learn new skills quickly.
- ▶ 4.0 GPA, strong in math and computer science.

WORK EXPERIENCE

Audatex Canada

Software Engineering Intern 2015

- ▶ Wrote and optimized queries to access and analyze data in databases using PL/SQL.
- ▶ Implemented multiple features and long-standing bug fixes on a MVC Ruby on Rails application.
- ▶ Created a web application to automate the system configuration process to improve quality and speed of responses to customer service requests.
- ▶ Utilized automated quality assurance tools to verify data integrity within databases.

PROJECTS (See more at tanx8.github.io/projects)

WeLink (created for Hack the North) 2015

- ▶ Worked with a team to create a social encounters iOS game using Swift that matches users based on location and interest data and facilitates communication through in-game chat.

Super Sudoku 2015

- ▶ Built a HTML5 app that displays sudoku-like puzzles for the user to solve.
- ▶ Implemented algorithms in Javascript to generate valid puzzles of suitable difficulty.

Billiards 2013

- ▶ Developed a Java application to simulate the game of eight-ball pool.
- ▶ Created a physics engine to detect collisions and generate realistic bouncing between billiards balls.

Geese Battle 2012

- ▶ Implemented asynchronous network calls to enable multiplayer gameplay over Local Area Networks.

EXTRACURRICULARS

Teaching Assistant for Calculus I at *University of Waterloo* 2015

- ▶ Tutored students in Algebra and Calculus to help them understand concepts taught in class.

Orientation Leader for *University of Waterloo Math Orientation* 2015

- ▶ Led groups of over 70 students in various activities to welcome students to university.

Other Clubs and Activities

ASME Website Developer 2015 *Waterloo Parkour* Member 2015

Intramural Ultimate Frisbee Team Captain 2014 *Eye of the Tiger Newspaper* Editor 2014

AWARDS

University of Waterloo Dean's Honours List 2015

Nortel Institute Scholarship, awarded to an outstanding student entering first-year 2014

Canadian Computing Competition Certificate of Distinction 2014

EDUCATION

University of Waterloo 2014 - 2019 (expected)

Candidate for Bachelor of Computer Science