

Tony Tang

tonyt.me

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SKILLS

- **Industry Experience:** Java, Spring MVC, Unix, HTML, CSS, Bootstrap, JavaScript (AJAX, jQuery), MySQL, Solr, Git
- **Proficient in:** C/C++, PHP, Ruby on Rails, Scheme, Jekyll, Bourbon, Swift, iOS
- Understands and able to apply common data structures, algorithms, and design patterns
- Loves to learn, and does so quickly

EDUCATION

3A Computing and Financial Management

University of Waterloo, *Waterloo* 2017

COMMUNITY INVOLVEMENT

Velocity Resident Jan 2015 - Present

Velocity Residence, *Waterloo*

- Velocity is a residence program that connects enthusiastic entrepreneurs
- Participates in group discussions to share problems, solutions, and feedbacks

Restaurant Host/Expedite Jan 2015 - Present

The Bombshelter Pub, *Waterloo*

- Delivers result above expectations under time pressure situations
- Works well in a team environment and unafraid to reach out for assistance

Coordinator May 2014 - Present

Co-op Connection, *Waterloo*

- Founded a service to connect 10,000 co-op students by organizing social gatherings
- Develops robust plans to connect alumni, recent graduates, students, and services

HOBBIES

- Poker, Chess, Go, Board Games
- Volleyball, Swimming, Strong Lifts
- Violin (Grade 10), website design

WORK EXPERIENCE

LyricFind, *Toronto*

Sep 2014 – Dec 2014

Software Developer

- Developed web app using Java and Spring Model View Controller (MVC) to build a repository of music lyrics with an elegant front end interface
- Improved MySQL efficiency by rewriting scripts to reduce hundreds of lazy loading queries into one
- Implemented custom repositories and Data Access Objects (DAO) for MySQL and Solr
- Redesigned front-end using best UI and UX practices with Bootstrap and JavaScript
- Practiced test driven development by design test cases and writing unit tests before coding

CBC/Radio-Canada, *Toronto*

Jan 2014 – Apr 2014

Quality Assurance Analyst

- Integrated quickly into the Agile Scrum environment by taking on projects from 4 different teams to learn the ropes of all areas of web development
- Conducted various types of quality assurance tests to only accept software that meet the standards
- Reduced hours of tedious and repetitive tasks by writing automation tests in Unix commands

PROJECTS (tonyt.me/github)

DayToDay (To Do App), *In Progress, 2014*

- To Do List that highlights today's tasks and carry over previously uncompleted ones so users can focus on what is important today. Building for **iOS** with **Swift**

Personal Budgeting Tool, *2014*

- Web app to keep track of personal spending based on the users input. Back ended by **Ruby on Rails**, and front end styled with Bourbon, Sass, and JavaScript

Tetris, *2014*

- Tetris game using the popular rotation and wall kick algorithms; written in **Prototype-based JavaScript**
- Quadris, non-real time text-based tetris with simple rotation algorithm; written in object-oriented **C++**