

Ben Zhang

Computer Science, 2A

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Skills & Qualifications

- Four years' web development experience with LAMP full-stack responsibilities.
- Proficiency in JavaScript developed through personal projects; experience in React, Node.js, MongoDB, and Docker.
- Good understanding of the Git version control system from experience in the workplace and side projects.
- Working knowledge in C, PHP, Ruby on Rails, Rspec, Selenium, Python, Go, SQL, HTML, CSS (Sass & Less), Bash, and Travis CI.

Experiences

- **Web Developer** Waterloo, ON
Kik Interactive - Chat Community Jan. 2017 - Present
 - Asynchronized core moderation logic using Google App Engine Task Queue, vastly reduced server timeouts.
 - Rebuilt internal metrics dashboard to triple the amount of information available.
- **QA Software Engineer** Toronto, ON
500px - Photography as a Service May. 2016 - Aug. 2016
 - Fixed critical bugs in the automation system; eliminated frequent inconsistencies in testing.
 - Updated and expanded deprecated Continuous Integration (CI) tests using Rspec and Selenium.
 - Implemented a Slack notification system to report build statuses to developers.
 - Developed a tool to catch unexpected UI changes based on screenshots.
 - Designed an automated system to keep track of flaky specs in the CI test suite.
- **Web Project Manager** Waterloo, ON
PackAnts - Real Time Local Package Delivery Jan. 2016 - Apr. 2016
 - Coordinated a web development team to create a user-facing online platform.
 - Utilized React and Docker from development to testing to production.
- **Web Developer** Surrey, BC
White Rock and South Surrey Newcomers Club Sep. 2011 - Aug. 2015
 - Designed and developed the club's first website and membership management system using PHP and MySQL.
 - Automated member information changes, announcements, newsletters, and email notifications.

Projects

- **Vocode** Feb. 2016
 - An 100% voice-enabled, Javascript-based text editor. Powered by Nuance's Natural Language Understanding API.
 - First place winner of the Nuance API prize in McHacks 2016.
- **Silent Sync** Mar. - Apr. 2015
 - Developed and published an Atom.io package in CoffeeScript.
 - Automated the synchronization of local files with remote servers.
 - Downloaded over 500 times since initial launch.

Education

- **University of Waterloo** Waterloo, ON
Candidate for Bachelor of Computer Science 2015 - 2020
 - Dean's Honours List (Jan. 2016)
 - President's Scholarship of Distinction (Mar. 2015)