Ben Zhang

Computer Science/Business Administration Double Degree, 1B

benzhang.ca
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Skills & Qualifications

- Four years' web development experience with LAMP full-stack responsibilities.
- Proficiency in JavaScript developed through personal projects; experienced in React, Node.js, and MongoDB.
- Good understanding of the Git version control system from everyday project development.
- Working knowledge in a number of software development standards including PHP, Python, SQL, HTML, CSS (Sass & Less) and Bash.
- Works well both independently (previously as a solo web developer) and in a team setting (hackathons).

Experiences

- **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, announcement & newsletter posting, and email notifications.

Projects

- **Design-it-for-me** — *Nov. 2015*
  - Developed a documentation generator to improve the productivity of CS students when completing assignments; decreased the estimated time spent on each assignment by approximately 10%.
- **(H)open Source** — *Sep. 2015*
  - Created a platformthat connects non-profit organizations with volunteer programmers using Javascript (front-end) and Python (back-end).
  - Winner of the Moxtra API prize in HackTheNorth 2015.
- **Silent Sync** — *Mar. - Apr. 2015*
  - Developed and published an Atom.io package in CoffeeScript that automatically syncs local files with remote servers; it has been downloaded over 300 times since its 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): $2,000 Entrance Scholarship plus $3,000 research scholarship, claimable in upper years.
- **Wilfrid Laurier University** — Waterloo, ON
  Candidate for Bachelor of Business Administration — *2015 - 2020*

Activities and Interests

- **Co-founder and President** — Surrey, BC
  Elgin Park Computer Programming Club — *Sep. 2011 - Jun. 2015*
  - Led the development of various projects including a Tetris game, a Flash-based action game, and a volunteer management system.
  - Motivated club members to start their own projects by creating a positive and encouraging environment at every meeting.
- **Creating an Isomorphic Web Application with ReactJS and Express** — http://benzhang.ca
  A blog post — *May 2, 2015*
  - Composed and published a beginner's tutorial on how to create isomorphic web applications using React's server-side rendering feature; this post has maintained a view count of over 400 every month.