

# Chuan Tian (Ben) Zhang

Computer Science/Business Administration Double Degree, 1B

benzhang.ca  
github.com/ben-z  
ctzhang@uwaterloo.ca

## 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
  - Engineered back-end data flow in Python and integrated front-end APIs in JavaScript, to create a platform that connects non-profit organizations with volunteer programmers; 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 is 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.