Chuan Tian (Ben) Zhang

Computer Science/Business Administration Double Degree, 1B

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Qualifications

- Proficient in JavaScript, experienced in the React framework, Node.js and MySQL.

- Accumulated web development experience through working part-time as a web developer for my local newcomer's club for 4 years.

- Quickly learned python during HackTheNorth 2015 in order to assist our back-end developer. The resulting increase in productivity contributed to our winning of the Moxtra API prize.

- Works well both independently (previously as a solo web developer) and in a team setting (hackathons).

Projects

- **Design-it-for-me** *Nov. 2015*
  - A documentation generator to improve the productivity of CS 135 students when completing assignments.
  - Decreased the time spent on each assignment by approximately 10%.

- **(H)open Source** *Sep. 2015*
  - An application to help put programmers in contact with non-profit organizations who would benefit from custom, complimentary websites and applications.
  - Winner of the Moxtra API prize of $1000.

- **Creating an Isomorphic Web Application with ReactJS and Express** *May 2, 2015*
  - A beginner's tutorial on how to make use of React's server-side rendering feature for creating isomorphic web applications. (Can be found on my blog: http://benzhang.xyz.)
  - This blog post was re-tweeted 11 times and viewed over 2,000 times in the first month after publishing, and it has maintained a steady view count of over 400 per month ever since.

- **Silent Sync** *Mar. - Apr. 2015*
  - An Atom.io package that automatically syncs local files with remote servers.
  - The plugin is downloaded over 300 times since its initial launch.

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.
  - The membership management system is built with PHP and MySQL. It has enabled the executives to conveniently update announcements, post newsletters, and send email notifications to its members.

- **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.
  - Learned from mistakes and developed leadership skills through this experience.

Skills

Languages: Javascript *(Proficient)*, Racket *(Proficient)*, PHP *(Prior Experience)*, Python *(Prior Experience)*

Technologies and Frameworks: React.js *(Proficient)*, Node.js *(Proficient)*, MongoDB *(Proficient)*, MySQL *(Prior Experience)*

Education

- **University of Waterloo** — Waterloo, ON
  Candidate for Bachelor of Computer Science — *2015 - 2020*
  - Relevant courses:
    * Math 136 (Linear Algebra 1)
    * CS 136 (Elementary Algorithm Design and Data Abstraction)
    * CS 135 (Designing Functional Programs)

- **Wilfrid Laurier University** — Waterloo, ON
  Candidate for Bachelor of Business Administration — *2015 - 2020*

- **Elgin Park Secondary School** — Surrey, BC
  Final average: 95.4% — *2010 - 2015*
  - Co-founder/president of the computer programming club.
  - Worked part-time as a web developer.

Academic Honors and Awards

- **President's Scholarship of Distinction**
  University of Waterloo — *Mar. 2015*
  - $2,000 Entrance Scholarship plus $3,000 scholarship, claimable in upper years.

- **Passport to Education**
  Elgin Park Secondary School — *Jun. 2015*
  - $1000 Scholarship provided by the province of British Columbia for academic excellence.

References available upon request.