Ziying Zhang

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Website: http://amaziying.me ● **Github:** https://github.com/amaziying
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SKILLS

Front End Development	JavaScript, HTML5, CSS3, MVC frameworks, exposure to Node.JS and SQL
Project Management	Agile development, Scrum
UI/UX Design	Research, Photoshop, Prototyping

EXPERIENCE

Lead Front End Developer
Nspire Innovation Network   **Sept. 2014 – Present**

- Building the website and platform for Canada's leading non-profit organization in the business and technology space.

Front End UI Developer
Genesys   **Aug. 2014 – Dec. 2014**

- Developed modern UI for Genesys' core enterprise administrative application in backbone.js, require.js, and jQuery.
- Drove efforts to implement karma-jasmine unit test suite into existing complex application to encourage TDD.

Email Production Coordinator
Indigo Books and Music   **Jan. 2014 – Apr. 2014**

- Produced marketing emails deployed to over a million users at a time.
- Executed A/B tests that solidified design decisions to increase click-through rate on links by up to 8%.

PROJECTS

Patient CareNect   **Microsoft Kinect, Azure, Twilio, backbone.js, jQuery**

- Architected, and developed web-based application allowing healthcare patients to speed dial/text a caretaker or loved one using a custom body gesture or voice command, developed as part of Yhack 2014.

The Pebble Runner (available on Pebble app store)   **Pebble**

- Pebble watchface using background activity tracker with custom pedometer algorithm to keep track of user steps.
- Watchface features an 8-bit Megaman who runs with you as you run, developed as part of Hack the North 2014.

TSnooze – Travel Sleeping Companion   **Google Maps, Android**

- Mobile application for sleeping commuters that takes user location and pushes notification alarm when they've arrived close to their destination, developed as part of McHacks 2014.

EDUCATION

Candidate for B.A.Sc. in Systems Design Engineering
University of Waterloo   **Sept. 2013 - Present**

- President's Scholarship of Distinction (97% Admitted Average)
- **Relevant courses**: Digital Computation, Data Structures and Algorithms, Human Factors Design Engineering, Iterative Design Process, Digital Systems hardware

INTERESTS

Wearable technologies, hackathons, sustainable design, Tesla electric cars, soccer, tech blogs