

# Ziying Zhang



**Website:** <http://www.amazinging.com> • **Github:** <https://github.com/amazinging>  
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**Toronto, ON • Waterloo, ON**

## Skills

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- **Web development** – HTML5, CSS3, Javascript, jQuery, Bootstrap
- **Object-oriented programming** – C++, Java (Android)
- **Design** – Photoshop, various wireframing tools
- **Operating systems** – Windows, Linux/Mac Bash Shell

## Work and Project Experience

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### Email Production Coordinator

Indigo Books and Music Inc.

Jan. 2014 – Apr. 2014

- Developed integrated, dynamic, and responsive marketing emails in HTML and CSS, collaborating with designers
- Developed a dynamic CSS-allocation framework on Responsys Interact API to minimize repetition of code
- Created and authored an extensive in-depth Sharepoint wiki documenting the production team's processes. Currently used as common reference for the production and online marketing teams at Indigo
- Ensured bulletproof quality of HTML emails across all email clients and web browsers before deploying to over a million subscribers

### Personal Website

<http://www.amazinging.com>

HTML5, CSS3, jQuery, Javascript, Twitter Bootstrap

- A business card style website to introduce myself personally and professionally
- Designed and built responsively on top of Twitter Bootstrap with scalability in mind

### Travel Alarm Android App

<https://github.com/amazinging/TSnooze>

Android, Java, XML, Google Maps API

- Led a team of 3 at McHacks (McGill University's hackathon) to build a functional android application featuring Google Maps API within 24 hours
- Location-based application for travellers that alerts the user when entering within a specific radius of the preset destination. Useful for daily commuters who sleep on the bus/train.

### Gaia Watering System

User-Friendly Automated Irrigation System

Iterative Design, Prototyping, Usability Testing

- Iterative Design Process to define the problem space and iterate from low-fidelity to functional high-fidelity prototypes
- Usability Testing conducted to identify areas of improvement for each iteration

## Education

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### Candidate for BAsC in Systems Design Engineering

University of Waterloo

Sept. 2013 - Present

- President's Scholarship of Distinction (95%+ Admission Average)
- Relevant courses: Digital Computation in C++, Human Factors Design Engineering, Iterative Design Process, Digital Systems low-level programming

## Interests

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Wearable technologies, sustainable design, Tesla electric cars, soccer, ping pong, spectator sports, tech blogs, bad puns