

Education

University of Michigan, Ann Arbor, MI — 2014 to 2017

B.S.E. Computer Science, minor in Economics

Expected graduation date May 2017

- Overall GPA: 3.9, Major GPA: 4.0
- Courses taken include *Data Structures and Algorithms* (EECS 281), *Introduction to Computer Organization* (EECS 370), *Introduction to Computer Security* (EECS 388), and *Introduction to Artificial Intelligence* (EECS 492)
- Dean's Honor List (all semesters), Everett Scholarship recipient (2015)
- Member of Eta Kappa Nu (HKN) honor society

Experience

Cisco — Software Engineering Intern, May 2016 to August 2016 — San Jose, CA

The world's largest networking company

- Incoming software engineering intern for summer 2016

Weebly — Engineering Intern, May 2015 to August 2015 — San Francisco, CA

Popular drag-and-drop website creator and e-commerce platform

- Worked on the team that was building Weebly into a platform for third-party developers
- Created one of the first Weebly elements to use the new platform
- Wrote several of Weebly's first external REST APIs including CRUD APIs for site membership, commerce, and page settings
- Refactored and made improvements to the backend code dealing with custom third-party platform elements (specifically fixed several edge cases dealing with element version numbering)

Companion — Software Developer, February 2015 to present — Ann Arbor, MI

Rapidly growing public safety start-up (gained roughly half a million users during a period of two weeks in Sep. 2015)

- Created monitoring dashboard for public safety departments that allows them to make more informed decisions about what areas to patrol (via data reported from the iOS and Android Companion applications)
- Worked on fixes, feature development, scaling, and internationalization for the backend (Ruby on Rails + PostgreSQL)
- Took over Rails codebase originally built by contractors, and decreased server error rate from several percent to under 0.1%
- Developed key features on Android including accelerometer and location based event triggers

Clavis Sinica — Software Intern, June 2014 to May 2015 — Ann Arbor, MI

Small Chinese learning software company with clients including Yale, Stanford, and the United Nations

- Worked on critical fixes and feature development for desktop and mobile applications including GUI improvements, broken server endpoints, and dynamic flashcard generation

Chinese Feminism Project — Web Developer, December 2014 to May 2015 — Ann Arbor, MI

University of Michigan Women's Studies professor's project creating website supporting feminism in China

- Created Wordpress site with CSS customizations and custom PHP plugins

Art Corner Studio — Tutor, December 2013 to present, excluding summers — Ann Arbor, MI

Local art studio that also offers academic tutoring services for its students

- Taught subjects including mathematics (up to precalculus), physics, ACT/SAT test prep, and basic programming

Skills

- Server side development with PHP, Ruby on Rails, Node.js, and Go
- Database technologies, both relational (MySQL and PostgreSQL) and NoSQL
- Javascript frameworks including React, Backbone + Marionette, and Angular
- CSS preprocessors (primarily SASS and SCSS)
- Native Android (Java) and iOS development (Objective-C/Swift)
- Other languages including C, C++, Python, LaTeX, and MATLAB