

Connor Krupp

kruppcon@umich.edu | (616) 889-3256 | 536 S Forest Ave #815, Ann Arbor, MI 48104

EDUCATION

University of Michigan - College of Engineering, Ann Arbor, MI

Expected Graduation: May 2018

- Cumulative GPA: 3.928/4.0
- B.S.E. Computer Science Engineering
- Minor in Business Administration - Ross School of Business
- James B. Angell Scholar | University Honors | Dean's List (every semester)

EXPERIENCE

Yahoo, Inc., Sunnyvale, CA — *Front-end Engineering Intern*

May 2016 - August 2016

- Utilized Node.js, React, and Fluxible to develop the (unreleased) next generation of Yahoo Mail.
- Architected information flow and data structures to compare state between checkmail requests to enable browser notifications and a dynamic favicon.
- Contributed more than 8,000 lines of code through dozens of pull requests to become one of the project's core contributors on GitHub Enterprise.
- Constructed the testing documentation for the application to assist in onboarding 22 new engineers to the development team.

Thinkbox Creative, Grand Rapids, MI — *Web Development Intern*

April 2015 - August 2015

- Developed with my project team to create clean and modern sites built upon the WordPress content management system
- Utilized HTML, CSS (SASS), PHP, and JavaScript to create interactive and immersive experiences for visitors
- Led development on the site of a large national organization, one of the firm's largest sites, during my last weeks of employment

LEADERSHIP

Michigan Hackers — *Outreach Executive, Web Lead, iOS Mentor, Ann Arbor, MI*

September 2015 - Present

- Coordinate with top tech companies to sponsor and present popular events.
- Lead workshops as long as 8 hours in subjects such as web and iOS.
- Instruct groups of students in iOS development weekly.

MHacks Hackathon — *Tech Lead & iOS Developer, Ann Arbor, MI*

April 2016 - Present

- Manage the development of all core systems to prepare for the hackathon.
- Iterate upon the MHacks iOS app to provide attendees with a great experience.
- Facilitate registration and event logistics before and during the event.

Michigan Mars Rover — *Information Services Officer, Ann Arbor, MI*

September 2014 - May 2015

- Modernized team communication and revitalized web presence.
- Designed the chassis and suspension for the competition rover.

Various Entrepreneurial Ventures

Summer 2010 - Present

- Cofounded companies developing iOS applications.
- Partnered with a UM Hospital Researcher to develop app for diabetes patients.
- Launched applications as a solo developer since 2011.

COURSEWORK

EECS 445 — *Winter 2017*

Machine Learning

EECS 484 — *Winter 2017*

Database Management Systems

EECS 388 — *Fall 2016*

Computer Security

EECS 485 — *Fall 2016*

Web Applications

EECS 281 — *Winter 2015*

Data Structures and Algorithms

EECS 370 — *Winter 2015*

Computer Organization

EECS 376 — *Winter 2015*

Theoretical Computer Science

PROGRAMMING LANGUAGES

In Order of Proficiency

Swift

C++

JavaScript (ES2015)

Objective-C

Python

SQL

C

Java

HTML

CSS/SASS

MATLAB

PHP

FRAMEWORKS & LIBRARIES

Cocoa Touch (iOS)

React.js

Node.js

MapReduce (Hadoop)

Scikit Learn

Oracle SQL*PLUS

Express.js

Fluxible

Flask

Flux (Fluxible)

TOOLS

Sketch

Git

Photoshop

Unix Shell

WordPress

Xcode