

Location Ann Arbor, MI 48103

Website [cashc.me](http://cashc.me)

Github [github.com/cashc](https://github.com/cashc)

Phone 616-204-1527

Email [cash@cashc.me](mailto:cash@cashc.me)

LinkedIn [linkedin.com/in/cashc](https://linkedin.com/in/cashc)

## Objective

I'm looking for a team with the same desire to build great software that I have. I want to help a company grow and reach its potential and hopefully build something cool that helps people live healthier, happier lives.

## Experience

**Trove AI** Ann Arbor, MI, Summer 2017 - Summer 2018

**Software Engineer**, Worked on the front-end web team at this startup making email and professional networking software. I was involved in the design of the product as well as the development of the large React + Redux codebase. We shipped to five platforms and maintained high-quality code thanks to mandatory code reviews and high test coverage.

**Ford Motor Company** Dearborn, MI, Summer 2016 - Summer 2017

**IT Ford College Graduate**, Occupied both developer and business analyst roles in an Agile Software Development team. I pioneered a suite of tools to automate and expedite deployments of software upgrades in vehicle assembly plants, which cuts plant down-time by 1/4. I also created a web app using Node.js that monitors and controls JVMs in QC and prod. environments.

**MSU Capstone - Team Amazon** East Lansing, MI, Spring 2016

**Team Member**, Senior Capstone course working for Amazon. Using AWS, we developed an improved Twitch.tv streaming website with Comment Ranking and Smart Advertisement functionality. I created a Google Chrome Extension and worked on the front-end, utilizing HTML/CSS and Javascript, as well as the backend using PHP, a MySQL database, and various APIs.

**Smart Homes and Smart Offices** Okemos, MI, Spring 2015 - Spring 2016

**Developer**, Internship that turned into a part-time job during the school year. I managed and customized CRM software in the form of a Microsoft Access DB, led multiple data mining projects using .NET to increase sales, built a custom SharePoint site, and helped manage various WordPress sites. I also trained a new intern who worked beneath me and was my successor.

**Digital Humanities and Literary Cognition Research Lab** East Lansing, MI, Fall 2014

**Programmer**, Working on a team trying to better understand what happens inside the brain when people read, I used Python to create a graphical representation of eye-tracking data in order to visualize patterns in subjects' eye movements.

## Education

**Hacker Fellows** Detroit, MI, Summer 2017 - Summer 2018

Elite fellowship program where I was part of a 15-person cohort that completed a 5-week software and entrepreneurship bootcamp.

**Michigan State University** East Lansing, MI, Spring 2012 - Spring 2016

B.S. Computer Science and Engineering with Business cognate. Graduated Spring 2016. 5 of 8 semesters on Dean's List.

**Denmark Technical University** Lyngby, Denmark, Spring 2015

Semester abroad where I took master's level CS courses including AI, Databases, and Machine Learning and Data Mining.

**Catholic Central High School** Grand Rapids, MI, Fall 2008 - Spring 2012

## Skills

**JavaScript** React Redux Webpack

**Python** Flask Django

**Node.js** Babel Express

**PHP** Slim

**Ruby** Rails

**SQL** MySQL PostgreSQL

**C** Arduino

**C++**

**Java**

## Hackathons

**Startup Weekend - 1<sup>st</sup>** Grand Rapids, Winter 2017

Find a place to dump your car using the mobile app Dump, the AirBnB for parking. Pitched the idea and founded the team.

**Ford Catalyst - 4<sup>th</sup>, Most Viable** Dearborn, Fall 2016

Dynamically block blinding sunlight while driving, using the Smart Sun Visor. Used Arduino with accelerometer and light sensor to know when to activate Smart Tint sun visor.

**Ford STEAM Hack - 2<sup>nd</sup>** Detroit, Fall 2016 - Spring 2017

Allow students and teachers to connect using GamePI@n, an app that strengthens a school's community and empowers students. Our four person team consisting of one teacher and three engineers continued development after the hackathon. I built the back-end in the form of a Python Flask API for use with the Angular 2 front-end.

## Personal

When I'm not coding, I enjoy being active. I run, ride my bike, or play soccer almost everyday. My biggest passion is soccer, which I spend a lot of time playing and watching. To relax, I like to cuddle up with my dog Quinn and watch Netflix or read a book.