Cash Compton
software engineer

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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

SkySpecs Ann Arbor, MI, Summer 2018 - Present
Web Application Developer, Full-stack developer at a startup that uses drones to autonomously inspect wind turbines. I work on the React front-end and Node back-end of a web app that stores a massive amount of wind farm data in the form of damage records, turbine photos, and repair information to keep customers informed on the status of their farm.

Trove AI Ann Arbor, MI, Summer 2017 - Summer 2018
Software Engineer, Worked on the front-end web team at a 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 back-end 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 worked on custom CRM software, led multiple data mining projects to increase sales, and helped manage various WordPress sites.

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	**PHP** Slim	**C** Arduino
Python Flask Django	**Ruby** Rails	**C++**
Node.js Babel Express	**SQL** MySQL PostgreSQL	**Java**

Hackathons

Startup Weekend - *1st* 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 - *4th, 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 - *2nd* Detroit, Fall 2016 - Spring 2017
Allow students and teachers to connect using GamePl@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.