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## Objective

I am looking for a position where I can apply and expand my knowledge of computer science. I want to be part of a team that's building something cool and has the same love for technology that I do.

## Experience

### Ford Motor Company Dearborn, MI, June 2016 - Present

**IT Ford College Graduate**, Developer and business analyst on the Next-Gen Automated Vehicle Scheduling team. NGAVS is a plant-critical application deployed in 24 plants internationally. I work on an Agile team of over 30 people where I gather user requirements, do web development, and automate building and testing of the Java app to make releases faster and easier.

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

**Team Member**, Senior Capstone course where I was one of 5 students working for Amazon. Using AWS we developed from scratch an improved Twitch.tv streaming website with Comment Ranking and Smart Advertisement functionality, which is undergoing implementation by Twitch developers. We used API's, an SQL database, and a Google Chrome Extension.

### 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 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 Humities 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 created a graphical representation of eye-tracking data in order to visualize patterns in subjects eye movements.

### Herman Miller, Inc Holland, MI, Summer 2014

**Manufacturing Operator**, In a fast-paced furniture manufacturing plant I made sure the assembly line never stopped by troubleshooting problems, verifying orders, and adjusting the pace of production to meet quotas.

## Education

### Michigan State University East Lansing, MI, August 2012 - May 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 masters level CS courses including AI, Databases, and Machine Learning and Data Mining.

### Catholic Central High School Grand Rapids, MI, August 2008 - May 2012

## Skills Most familiar with \*

- C++\*
- Java
- PHP\*
- SQL
- C
- JavaScript/jquery\*
- Python
- Swift
- HTML/CSS\*
- Matlab
- R
- Visual Basic\*

## Activities

Hackathon competitor where I work in a team competing for awards presented to the best innovations in technology. Regular attendee of MSU's ACM and Spartan Hackers talks and workshops to keep up with the latest in CS. Captain of intramural soccer teams at MSU and organizer of pick-up soccer on campus.

## Personal Qualities

Marathon runner, biker, and soccer player (footballer).  
Regular user of Linux, Mac, and Windows Operating Systems.  
I have been to 16 different countries and speak some French.

