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## EDUCATION

### UNIVERSITY OF MICHIGAN

*B.S. in Computer Science*

GPA: 3.928 / 4.0

Relevant Coursework: Introduction to Operating Systems  
Database Management Systems

Data Structures and Algorithms  
Introduction to Computer Organization

**Ann Arbor, MI**

*April 2017*

## TECHNICAL SKILLS

Languages: C++, PHP, SQL, HTML/CSS, JavaScript

## WORK EXPERIENCE

### UNIVERSITY OF MICHIGAN

*Instructional Aide, EECS 280*

- Teach a weekly lab class and hold office hours to reinforce course concepts and answer students' questions
- Assist in writing, proctoring, and grading exams

**Ann Arbor, MI**

*September 2016 – Present*

### WAYFAIR

*Software Engineering Intern, Marketing Engineering Notifications Team*

- Created a quality assurance web tool to preview the content of daily sales events, allowing marketing employees to quickly identify errors before events are sent in customer emails
- Migrated push application certificate data from a class to a database table, improving data maintainability
- Built an admin page to view details about product promotions, gaining experience with MVC framework

**Boston, MA**

*June – August 2016*

### BOOZ ALLEN HAMILTON

*Enterprise Solutions Group Intern, University and Veteran Recruiting Team*

- Compiled information from 20+ documents and used SharePoint 2013 to create the University Relations internal website which increased firm-wide access to recruiting best practices
- Researched STEM student interaction opportunities for the firm on 12 college campuses and recommended a new engagement strategy that was implemented in the company's Fall 2015 recruiting schedule

**McLean, VA**

*June – August 2015*

## PROJECT EXPERIENCE

### NETWORK FILE SERVER

- Implemented a multi-threaded, secure network file server in C++ using Unix sockets

### LOG MANAGER PROGRAM

- Implemented an interactive program in C++ allowing users to perform efficient keyword searches on log files
- Gained experience evaluating runtime and storage tradeoffs when making data structure design decisions

## LEADERSHIP EXPERIENCE

### STUDENT FOOD CO. *Vice President of Finance*

*January 2014 – April 2016*

- Research local competitive markets to determine prices for 15+ different kinds of fruits and vegetables to be sold at a non-profit, student-run farm stand aimed at reducing food insecurity on campus

### ALTERNATIVE SPRING BREAK *Site Leader & Service Team Member*

*March 2014 – March 2016*

- Organize weekly meetings for 10 students and facilitate discussions about pertinent social justice issues
- Worked on a team to package 560 boxes of dry food and 22,000 pounds of potatoes to be distributed to the elderly and underserved in the Greater Chicago area

## ACHIEVEMENTS

Member of Eta Kappa Nu at the University of Michigan (2016)

James B. Angell Scholar (2016)

Exemplary Booz Allen Hamilton Core Values Award (2015)

Rachael Townsend Community Service Award (2014)