

EDUCATION:

UNIVERSITY OF MICHIGAN, ANN ARBOR

B.S.E. Computer Science Engineering

Expected
December 2018

- Data Structures & Algorithms
- Discrete Mathematics
- Web Databases & Information Systems
- Computer Organization
- Computer Security
- Data Mining
- Information Retrieval & Web Search
- User Interface Development
- Artificial Intelligence

WORK EXPERIENCE:

AMAZON

Software Engineering Intern - Alexa AI

May 2018-
August 2018

- Implemented new workflow for Amazon developers to submit requests to access to certain data within the Alexa Machine Learning Data Platform. (Java, AWS DynamoDB)
- Simplified request verification process by creating a new webpage for data owners to view requests and grant/reject access with the click of a button, promoting greater data privacy. (Java, Ruby on Rails)
- Created dashboard for customers to view status of all access requests they've submitted, increasing transparency and enhancing the overall customer experience. (Java, Ruby on Rails)

TARGET

Software Engineering Intern - Logistics Technology

June 2017-
August 2017

- Refactored code for APIs that support Target's supply chain. (Java)
- Automated production change request submissions by manipulating the team's Continuous Delivery pipeline.
- Wrote queries automate the transfer of production data into the development and test environments. (SQL)

U-M CENTER FOR STATISTICAL CONSULTING & RESEARCH

Research Assistant - Data Mining

September 2016-
December 2016

- Preprocessed and analyzed dataset of over three million traffic stops in the city of Chicago from 2009-2015.
- Implemented frequency analysis algorithms to discover seasonal trends and common demographical traits in traffic offenders. (Python)

BLUE CROSS BLUE SHIELD OF MICHIGAN

Software Engineering Intern - Data Mining

May 2015-
August 2016

- Queried database to gather user data for BCBSM's market research initiatives. (SQL)
- Regression tested the BCBSM quoting tool to ensure 2016 business requirements were met.

PROJECTS:

YELP++

Data Analytics Tool

- Standardizes Yelp ratings in a given search query and uses statistics to compare ratings with one's home city, ensuring users can make well-informed decisions. (Python)

WEB DATABASES & INFORMATION SYSTEMS (EECS 485)

Photo Sharing Application

- Supports multiple users, password encryption, privacy configuration, and profile personalization. (HTML/CSS, Jinja2, Javascript, Python/Flask, SQL)
- Developed RESTful API to dynamically load user and photo data. (Python/Flask, JavaScript, SQL)

EXTRACURRICULARS:

THETA TAU - PROFESSIONAL ENGINEERING FRATERNITY

President

April 2017-
December 2017

- Overseeing operations of entire fraternity, working towards strengthening corporate relations, brother bonding, and alumni involvement.

UNIVERSITY OF MICHIGAN JAZZ LAB ENSEMBLE

Tenor Saxophone

September 2015-
December 2016

- Studied traditional jazz big band standards and performed throughout the semester.

LANGUAGES:

PROFICIENT: C++, Java, Python, SQL

BASIC: HTML/CSS, Javascript, Ruby on Rails