

EDUCATION

University of Michigan

Computer Science Engineering 2020

GPA: 3.9

University Honors (every semester)

Dean's List (every semester)

EMPLOYMENT

MICROSOFT

Redmond, WA

Incoming Software Engineering Intern

JPMORGAN CHASE

Chicago, IL

Technology Analyst Intern

June 2018 to Aug. 2018

Worked in Agile environment to develop Java Spring web application that implements GraphQL API to consolidate data from existing microservices and systems while using MyBatis to couple objects with stored procedures and SQL statements. Conducted user interviews to develop wireframes using Balsamiq for the frontend design. Utilized Elasticsearch to create a search framework for the backend of the application.

DELTA DENTAL OF MICHIGAN

Okemos, MI

Lead Programming Intern

May 2017 to Aug. 2017

Led team of seven programming interns as we worked on Business Rules Integrated Development Environment. Implemented single sign-on process using LDAP for claims processing engine. Added critical features to rules editor that had been requested by business end-users such as ability for clients to view and edit rules from multiple rule stores simultaneously. Moved client desktop application from Swing to JavaFX. Added ability for users to dynamically change permissions while within application.

ACTIVITIES

MPowered Entrepreneurship

Byte Labs Director

Head of the technology segment of MPowered Entrepreneurship. Started tech consulting branch within the organization, worked with early-stage startup based in San Francisco. Worked on cloud infrastructure project exploring the feasibility of Amazon Web Services for the startup. Created full-stack React web application that integrated Elastic Beanstalk, API Gateway, Lambda, S3, and DynamoDB services.

Capital One Software Engineering Summit 1st Place

Hackathon

Developed prototype of web application, Kickback, that consolidates user's financials and uses previous transactions to recommend deals through a collaborative filtering system.

EECS 203: Discrete Mathematics

Instructional Aide

Part of the course staff for a Discrete Mathematics course. Responsibilities include assisting in lectures, leading discussion section, holding office hours, exam management, grading.

SKILLS

LANGUAGES: Java, C++, Python, Javascript, Matlab, R, Swift, HTML/CSS

FRAMEWORKS / TECHNOLOGIES: React, Flask, Node.js, D3.js

TOOLS: Bash, Git, Balsamiq, Confluence, XCode, IntelliJ, Sublime

DESIGN: Illustrator, InDesign, Photoshop, Lightroom