



## Objective

To utilize and grow my software engineering skill sets and work towards creating a better and easier environment for all.

## Education

**Bachelor of Science, Major in Computer Science, Minor in Economics**

Rose-Hulman Institute of Technology, Terre Haute, IN

**May 2021**

Status: **Senior**

## Relevant coursework

Object-Oriented Software Development, Data Structures and Algorithms, Android Application Development, Computer Architecture, Operating Systems, Database Systems, Software Design, Advanced Database Systems, Machine Learning, Computer Security, Cybercrime and Digital Forensics, Theory of Computation, Artificial Intelligence, Programming Language Concepts, Design and Analysis of Algorithms

## Skills

### Technical Skills

**Programming:** Java, C, Kotlin, R

**Scripting:** Python, Shell, NodeJS, JavaScript

**Markup and Web Development:** HTML, CSS, XML, VueJS, PugJS, LaTeX, React, Angular

**Database Management:** SQL, MongoDB, ElasticSearch, Redis, Neo4j

**Testing/QA:** Jasmine

**Operating Systems:** Windows, Mac OS, Unix Systems, Ubuntu, Debian, Fedora, Manjaro, AcroLinux, Arch Linux

### General Skills

- Conversationally competent in Mandarin
- Leadership and excellent written, oral communication, and interpersonal skills

## Experience

**Blackboard**, Indianapolis, Indiana

June 2020-August 2020

*Full-Stack Software Engineer Intern*

- Resolved critical bugs and implemented features for new releases on a Scrum team
- Implemented new solutions in Angular, React, Jasmine, and Java
- Created and ran manual Jasmine testing for each solution developed
- Created new user interfaces and linking backend APIs within Blackboard Ultra
- Found and detailed new critical bug impacting exports of class data for Europe release
- Created and implemented new prompts and work-flows for assignments submission and peer-review additions

**Doxpop**, Richmond, Indiana

June 2019-August 2019

*Full-Stack Software Engineer Intern*

- Worked on the VueJS Development team to create mission-critical information systems by designing, testing, deploying and maintaining software applications.
- Converted pages from old framework to new Vue component framework using VueJS, PugJS, JavaScript, and SCSS
- Implemented new Vue components and Java backend servlets
- Worked on both front-end and back-end components in a fluid development environment

**Rose-Hulman Institute of Technology**, Terre Haute, Indiana

Fall 2018 - June 2019

*Sophomore Advisor*

- Helped new freshman transition to college life and living on campus, and served as an advisor and resource to students across different engineering disciplines.
- Collaborated with Student Affairs and Resident Assistants to create an inviting, and safe environment for new students

*Operation Catapult Counselor*

Summer 2018

- Served as a counselor in a camp designed for high school students to complete engineering projects and gain experience in their fields as well as gain insight on the college experience
- Worked closely with professors to create the best experience for the students

**Georgia Institute of Technology**, Atlanta Georgia

Summer 2016

*Lead Programmer*

- Tasked with writing the code for the research, development, marketing, and presentation of a self-driving truck prototype
- Presented results in front of industry sponsors such as QUALCOMM, Intel, and GM

## Honors

- Rose-Hulman Institute of Technology – Four Years Full Academic Scholarship Award
- Johns Hopkins Center for Talented Youth Program Talent Search, Selection and Attendance
- AP Scholar with Distinction, and Math Honors Society member