

Education

Purdue University, West Lafayette, IN May 2020
BS in Computer Science with a Minor in Music 3.83 GPA

Relevant Coursework

Current - Compilers, Software Engineering Senior Project

Completed - Operating Systems, Software Testing, Data Mining and Machine Learning, Software Engineering, Introduction to the Analysis of Algorithms, Systems Programming, Data Structures and Algorithms, Computer Architecture

Work Experience

Salesforce, Software Engineering Intern, San Francisco, CA May 2019 - August 2019

- Developed an **OData** request tracer for External Data Sources as a part of the **Platform Cloud's 222 release**
- Utilized **Java** and **Salesforce Apex** to build new **full-stack** features atop the Salesforce Core
- Created automated UI tests using **Selenium** and maintained existing tests to support new app changes
- Initiated design discussions and approval processes as the sole developer and owner of the Tracer project

Salesforce, Software Engineering Intern, Indianapolis, IN May 2018 - August 2018

- Contributed **React** UI development to the Email Analytics app on the **Marketing Cloud**
- Developed Unit tests with **Enzyme** and automated Regression and Smoke tests with **Nightwatch**
- Assisted engineers by reviewing code, performing Quality Assurance tests, and troubleshooting bugs
- Functioned on an **Agile** team and adapted to the needs of the **Marketing Cloud's 215 release**

Qualcomm, Software Engineering Intern, San Diego, CA May 2017 - July 2017

- Constructed a **front-end** web interface for internal testing of an **Apache Tomcat** server controlling SIM card profiles
- Collaborated with another intern to streamline production and tackle problems as a team
- Prioritized development of pertinent features and adapted to the codebase by consulting with Qualcomm engineers

Self-Employed, Web Developer, Auburn, IN June 2013 - August 2016

- Created five different **front-end** websites for local companies and organizations to establish their online presence
- Taught myself web development languages by utilizing various online resources

DeKalb Health, IT Intern, Auburn, IN August 2015 - May 2016

- Interacted with IT specialists in the medical field to help maintain computers and servers

Projects

Parks and Wreck [*First Place Recipient*] - Java with LWJGL and dyn4j

- Won first overall hack at BoilerMake V out of 37 total submitted projects
- Built a fast-paced multiplayer game where the objective is to be the quickest car valet out of all the players

Stack and Smash [*Second Place Recipient*] - HTML, CSS, and JavaScript with Express and p2.js

- Won second overall hack at BoilerMake VI out of 81 total submitted projects
- Created a competitive tower building game where players build as high as possible while bombarding the other tower

Night-In - HTML, CSS, and JavaScript with React, Material-UI, Express, MongoDB Atlas, and AWS

- Developed and tested a web platform for meal planning with four other people over the course of a semester
- Relayed recipes from external API's while supporting custom recipes, meal plans, grocery lists, and ingredient lists

SwoleMate - JavaScript with React Native, Express, MongoDB, and AWS

- Collaborated on a semester-long project with four other people to create a platform for meeting exercise partners
- Functioned as a full-stack developer by creating everything from UI components to API endpoints and automated tests