

EXPERIENCE

TrampleZone *North Reading, MA* — Software Engineer, Frontend/Backend

MAY 2019 - FEB 2024

- Worked closely with the founder of the company in planning and developing a mobile & desktop application
- Created all necessary model classes on the frontend with a TDD approach, utilizing a Jasmine framework
- Designed and implemented responsive UI components that worked across mobile & desktop
- Trained multiple new hires so they could contribute to the project
- Created promotional content and app store materials using Adobe Premiere & Figma
- Attended weekly SCRUM stand-ups to report on progress or barriers
- Implemented CRUD APIs for multiple model classes on our Java/SQL backend

PROJECTS

Implementation of E-Learning Software *Namibia University of Science & Technology (NUST)*

AUG - OCT 2018

- Worked alongside three other team members to improve the effectiveness of the tutoring center at the Namibia University of Science & Technology (NUST) through implementing an e-learning software
- Was solely responsible for setting up the e-learning architecture and developing the modules used by students
- Assisted in running a workshop for educators to show how to manage the platform

Government Database Application *Worcester Polytechnic Institute*

JAN - FEB 2019

- Worked in a team of ten to develop an application for the Alcohol & Tobacco Tax & Trade Bureau database using Agile/SCRUM methodologies
- Coordinated the artifacts created by the project: project documentation, requirements documentation, models, user documentation, training materials, and software code documentation
- Responsible for designing and programming UI and controllers

Escape - An OO Implementation of a Board Game *Worcester Polytechnic Institute*

MAR - MAY 2020

- Used Java 8 and TDD practices to implement a custom board game in a 7-week period following SOLID design principles
- Utilized various OO design patterns including Template, Factory, and Builder
- Adherence to bi-weekly deliverables and refactoring w/ regular code audits and code coverage reports

SKILLS

Languages: Javascript, CSS, Java, SQL, Python

Applications: Figma, Adobe Premier, VSCode, Docker

Frameworks/Packages: Jasmine, RequireJS, React, Git, Node, Express, Angular

EDUCATION

Worcester Polytechnic Institute — Worcester, MA

Bachelor of Science in Computer Science

AUG 2016 - MAY 2020 — GPA: 3.25