

Profile

A detail-oriented problem solver with experience in web development and object-oriented programming. Passionate about creating efficient, maintainable, and impactful software. Currently a senior Software Engineering undergrad seeking full or part time opportunity for 2022.

Skills

- Web application development
- Object oriented software design
- UI / UX design and implementation
- Relational database design
- Agile development methodologies
- Software and process documentation

Education

B.S. Software Engineering, Digital Business Minor, Rochester Institute of Technology, May 2022 { 3.39 }

A.S. Computer Science, Onondaga Community College, May 2018 { 3.6 }

Experience

Software Engineering Co-op, Centene Corporation – Special Operations Team, Summer 2021 – Current

Working to improve and add functionality to an existing web application used to assist with manual healthcare data management, as well as other projects.

- Completed enhancements to the tool which improved ease of use and decreased errors
- Worked in both the front and backend of the tool

Tools: React, C#, Git, Jira, Visual Studio

Software Engineering Co-op, Osmose Utilities – WebOps Team, August 2020 - April 2021

Assisted in the implementation and release of a new progressive web application to be used internally by Osmose Corp

- Mocked, designed, and implemented a number of features; including a series of administrative control panels
- Resulting control panel creates a user-friendly way to manage database tables, avoiding human error
- Web app released in March 2021 and is used by thousands of Osmose employees

Tools: Vue.js, Vuetify, Ag-Grid, Azure DevOps, Microsoft Teams, VS Code, Visual Studio

Software Engineering Co-op, Centene Corporation – Finance Applications Team, April 2020 – August 2020

Worked independently to create a tool used to monitor the runtimes of business processes, alerting the team when processes ran longer than expected

- Designed and implemented a series of Splunk dashboards to display information about the process runtimes
- Learned Splunk's SQL Lite search language on the fly and completed the project with minimal assistance
- Resulting dashboards are in use currently in by the team to improve their runtime efficiency

Tools: Splunk Enterprise, HTML / CSS

Sr. Web Developer, RIT Student Government – Tech Services Team, September 2019 – April 2020

Worked to develop and release TigerTracker, a student government charge tracking application

- Regularly implemented new features, reviewed co-worker's pull requests, and communicated in weekly meetings
- Designed and implemented functionality in both the client and server side
- TigerTracker was released successfully and is still in use by RIT student government today

Tools: Visual Studio, PostgreSQL, Python Flask, Vue.js, Github

Kennuware Enterprise System, Class Project, September 2019 – December 2019

Worked on the Accounting team to create a full stack accounting application, running on the cloud through AWS.

- Acted as Team Coordinator and Version Control manager for a team of four
- Integrated our project with 5 other applications using a RESTful API to create a class wide ERP system

Tools: MySQL, Java, Postman, Spring Boot, Junit, Vue.js, Amazon Web Services, Github, Trello, CircleCI

Library Book Management System, Class Project, May 2019 – August 2019

Worked to develop a library book management system using Java, with heavy emphasis placed on the subsystem and architectural design.

- Worked with a team of four, with the aim of implementing Gang of Four software design patterns
- Implemented four design patterns in our solution: Controller, State, Strategy, and Protection Proxy

Tools : [Java](#), [IntelliJ](#), [GitHub](#), [Lucid Chart](#)