

Profile and Objective

Aspiring developer with concrete programming skills, and a focus on user centered design.

Looking to obtain a co-op position in computer science spring 2024.

- Web development skills with HTML, CSS and JS
- Object Oriented Languages; Java and Python
- Experience with C in a low level environment
- Database concepts, experience with SQL
- Team oriented and versed with the Agile method
- 8 months of work experience with AWS products

Education

B.S. Computer Science, Rochester Institute of Technology, 3.7/4.0, December 2024

Relevant Experience

Clash Stats (personal) Team size: 1 Summer 2023

Created a website where users can view and compare in their in game statistics with friends for the popular hit mobile game Clash Royale.

- Utilized Bootstrap CSS to create mobile friendly responsive design
- Implemented the website with a Express Node.js backend

Tools: Node.js, Express, Pug (ex-Jade) template engine, Clash Royale API, Bootstrap CSS, JS Axios, JS

API DocHub (Coop - Regeneron) Team size: 1 Spring 2023

Designed and implemented a SwaggerHub replacement, where internal teams can easily view internal API specifications in a user friendly website.

- Saved over \$20k in yearly licensing costs compared to the existing solution
- Hosted the documents and website on a AWS S3 bucket which was accessible through AWS API Gateway
- Utilized existing Swagger UI Libraries

Tools: AWS S3, AWS API Gateway, AWS CloudFormation templates, Open API Spec 3.0, Postman, JS, CSS

Temperature Converter iOS App (personal) Team size: 1 Summer 2022

Learned Swift to create a iOS app where users can convert temperature from C° to F° and F° to C°.

Tools: Swift, Swift UI

Meal Hub (academic) Team size: 4 Spring 2022

Designed a SQL relational database and a Java database management application. The application allowed users to manage a virtual pantry, search recipes and receive recipe recommendations.

- Database handled 500,000+ ingredients and 1000's of recipes in 10 tables
- Data was populated, generated and prepared using Java and Kaggle data
- Implemented efficient data structures and indexes to allow quick <2s searches of recipes and ingredients
- Analyzed database trends with R

Tools: SQL, Relational Databases, Java, Java Fx, Gluon Scene Builder, R

Professional Experience

Research & Pre-clinical Development IT Coop, Regeneron , January 2023 - August 2023

- Worked extensively with AWS products such as Lambda, S3, API Gateway, SQS, CloudWatch, Step Functions and CloudFormation templates
- Operated in a large organization where meeting with many parties was critical to completing projects
- Gained business knowledge of the biopharma industry
- Refactored and extended programs with little direction and non-existent documentation