

River Marks

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SKILLS

Languages NodeJS, React, JavaScript, Java, GraphQL, C#, Python, C, Markdown, Matlab

Tools Spring Boot, .NET Core, AWS, MongoDB, MySQL, DynamoDB, Linux (Ubuntu & Fedora)

EDUCATION

Rochester Institute of Technology

B.S. Computer Science

Expected Graduation: December 2022

GPA: 3.49

Relevant Courses:

- Intro to Machine Learning
- Intro to Computer Vision
- A.I. Seminar: Information Retrieval

EXPERIENCE

Liberty Mutual Insurance

Software Engineer Intern

Seattle, WA

May 2022 - Present

- Worked on improvements to React components on an internal application used for grading underwriting quality
- Helped design and develop solution for allowing multiple reviewers to grade a single underwriter which included a status enum to determine what stage the review was in
- Created a proof of concept for allowing multiple themes in React application using Theme UI
- Developed a pattern for automatically completing a review to make it easier for testing

Liberty Mutual Insurance

Software Engineer Intern

Remote

May 2021 - Aug 2021

- Created several A/B tests with new experiences in an app for 3rd party aggregators (Shipwright)
- Developed pattern in Shipwright that didn't preemptively make expensive Carfax calls
- Lead accessibility review of major update in Shipwright using Accessibility Insights for Web
- Utilized React, Jest, and TestCafe to add additional features and updates to Shipwright

Constant Contact

Software Engineer Intern

Remote

Aug 2020 - May 2021

- Piloted a new chatbot product offering, developing a rough prototype in NodeJS and React
- Implemented features as a wrapper around an existing AI company's API to assist in custom content injection, customer customization, and generalization of their product offering
- Rewrote prototyped NodeJS backend in Java Spring Boot with a MySQL database
- Solved complex problems that arose when generalizing the AI company's application

Liberty Mutual Insurance

Software Engineer Intern

Remote

May 2020 - Aug 2020

- Designed and implemented a NodeJS AWS Lambda for shortening URLs
- Built mock of AWS Lex using React and NodeJS to hold state of conversation in a local env
- Built a method to run AWS Lambdas locally using SAM
- Wrote unit tests using the Jest framework

Thorlabs, Inc.

Software Engineer Intern

Newton, NJ

May 2019 - Aug 2019

- Accomplished massive speed increase from C# .Net Core API by using GraphQL
- Developed a translation between GraphQL queries and SQL selects using LINQ
- Load tested C# API using Locust.IO and Python

ACHIEVEMENTS

Boy Scouts of America

Eagle Scout