River Marks

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SKILLS

Languages	*TypeScript, JavaScript, CSS, Java, GraphQL, SQL, Python*
Frameworks	*NodeJS, React, Spring Boot, Express, Sass, .NET Core*
Tools	*AWS (Lambda, DynamoDB, Cloudformation, SAM, AppSync), MySQL*

EDUCATION

Rochester Institute of Technology <div align="right">**December 2022**</div>
B.S. Computer Science <div align="right">*GPA: 3.55*</div>

EXPERIENCE

Liberty Mutual Insurance — **Seattle, WA**

Software Engineer — *Oct 2023 - Current*
- Leading initiative in rewriting NodeJS and MySQL application in AWS AppSync and DynamoDB
- Mentored team on working with DynamoDB and AppSync
- Reduced CloudWatch spend by introducing retention periods on AWS Lambdas
- Actively identifying performance and enhancement opportunities

Technology Associate — *Jan 2023 - Oct 2023*
- Lead team in designing and implementing applications to perform auditing of the Call Center applications while coordinating external team dependencies
- Created UI mock-ups and architecture diagrams of the current and future auditing applications
- Mentored team members in their continued learning and career development

Software Engineer Intern — *Summers of 2020, 2021, and 2022*
- Improved internal application responsible for assessing underwriting business by developing and implementing multiple reviewer on single assessments
- 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
- Led accessibility review on major redesign of customer facing insurance aggregator application

Constant Contact — **Remote**
Software Engineer Intern — *Aug 2020 - May 2021*
- Piloted new chatbot offering enabled for customer purchase
- Constructed fullstack middleware around existing chatbot offering, allowing user customization
- Built custom pattern for dynamic injection of content
- Developed simple flow for users to build personalized chatbot

Thorlabs, Inc. — **Newton, NJ**
Software Engineer Intern — *May 2019 - Aug 2019*
- Accomplished 100% speed increase of C# .Net Core API using GraphQL
- Developed translation between GraphQL queries and SQL selects using LINQ
- Utilized Locust.IO and Python to load test API

PROJECTS

Minecraft Charity Stream (MCS) — *Feb 2020 - Current*
- Designed and iterated application for facilitating annual MCS event
- Built API layer responsible for managing donations and running server commands
- Implemented account system using Microsoft, Google, and Twitch OAuth
- Created React admin panel for controlling main store application