

Samuel Liu

Software Engineer

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PROFILE

Eager and innovative full stack software engineer with experience in building optimized applications and maintaining databases. Looking for a role within a software development space to utilize and improve my abilities through problem solving and collaborative teamwork.

TECHNICAL PROJECTS

PokéMart

E-commerce site

[Github Link](#) | [Website](#)

- Created a CRUD (Create, Read, Update, Delete) e-commerce site where users can order and purchase Pokémon cards through a sandboxed PayPal account.
- Solo project where I created all the frontend screens and backend routes.
- **Technologies Used:** MongoDB, Express, React/Redux, Node, Mongoose

BOBO

Social Media App

[Github Link](#) | [Preview](#)

- Collaborated with three group members to create a mobile application where users can form parties and vote on which movies to watch.
- I built the voting interface, the recommendation algorithm, and single movie pages.
- **Technologies Used:** PostgreSQL, Express, React Native/Redux, Node, Sequelize, Expo

Stack-Chat

Instant Messaging App

[Github Link](#) | [Website](#)

- Co-created an instant messaging app where users can create group channels and send direct messages.
- I set up the database, channel functionality and user interface.
- **Technologies Used:** Stream, Express, React/Redux, Node, Twilio

EXPERIENCE

Aergo Solutions

Denials Coordinator

September 2021- April 2022

- Delivered time-sensitive information to hospitals for the purpose of appealing insurance claims.
- Managed healthcare accounts by contacting insurance companies and noting in hospital billing systems.

Brain Health Institute

Research Assistant

September 2016 – July 2021

- Initiated a novel study in food addiction using a binge eating model which required collecting and analyzing data from over two hundred rats.
- Recruited undergraduates and collaborated with multiple labs.
- Presented research findings during weekly meetings and at research conventions.

EDUCATION

Fullstack Academy Web Development Bootcamp

April 2022 – July 2022

Software Engineering Certificate

Rutgers University, School of Arts and Science

September 2015 – May 2019

Bachelor of Arts in Cell Biology and Neuroscience
Minor in Health and Society

SKILLS

Javascript
HTML + CSS
Bootstrap

Git
Express
Node.js

React/Redux
React Native
JSON Web Tokens

PostgreSQL
MongoDB
REST APIs

Sequelize
Mongoose
GraphQL