

# SAM OH

(609) 560-4164 [SamOh37@gmail.com](mailto:SamOh37@gmail.com) [Portfolio](#) [GitHub](#) [LinkedIn](#) New York, NY

## SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, PostgreSQL, SQL, SQLite3, MongoDB, Mongoose, Express.js, Node.js, HTML, CSS, Webpack, Git, Render

## PROJECTS

**Samazon** (Rails, React)

[live](#) | [github](#)

*An Amazon.com clone built with a React frontend and Rails backend*

- Constructed an Amazon clone delivering comprehensive product listings, shopping cart functionality, user reviews, and checkout for an immersive user experience (UX).
- Incorporated Amazon S3's data storage infrastructure to upload and retrieve files, benefitting from its data scalability and capacity, resulting in improved page-load performance.
- Built a secure user authentication system, utilizing BCrypt to hash and salt passwords, strengthening protection of user data.

**goalGetters** (MongoDB, Express, React, Node)

[live](#) | [github](#)

*A MERN-stack social fitness app where users can set goals for themselves and share progress with others*

- Spearheaded back-end development, managing databases, designing routes, and creating RESTful APIs for seamless data flow in a MERN team project.
- Designed and optimized database schemas, using Mongoose ORM to ensure efficient data modeling, storage, and retrieval.
- Proactively identified and resolved back-end performance issues, optimizing API response times and application efficiency.

**TypeJumper** (JavaScript, Canvas, Webpack)

[live](#) | [github](#)

*An interactive typing game developed using vanilla JavaScript*

- Developed an engaging typing game using JavaScript, incorporating event handling for accurate word typing to trigger platform transitions.
- Enhanced user experience with vibrant platform designs and smooth animations utilizing CSS styling.

## EXPERIENCE

**Microsoft Operations Specialist**

*SHI International, Inc.*

May 2021 - Dec 2022

- Managed and processed over 100 sales orders weekly, ensuring their accurate conversion into purchase orders and timely delivery, enhancing customer satisfaction.
- Developed and maintained effective relationships with the sales team and Microsoft representatives, facilitating smooth communication and prompt resolution of 20+ order-related issues weekly.

**Mental Health Specialist**

*McLean-Franciscan Children's Hospital - CBAT Unit*

Nov 2018 - Sep 2019

- Coordinated and facilitated daily routines including medication administration, meal times, therapy sessions, and educational or enrichment activities, ensuring a structured and supportive environment for the milieu of 24 children.
- Applied crisis intervention techniques to manage and de-escalate disruptive behaviors, creating a safe, therapeutic environment for patients and staff.
- Assisted in training and orientation of 5 new staff members, sharing expertise and promoting best practices for patient care.

## EDUCATION

**App Academy** - Software Engineering

June 2023

*Software development course with a focus on full-stack web development, pair-programming, object-oriented programming*

**Boston College** - Bachelor of Arts in Theology, Bachelor of Arts in Psychology, Minor in Education

May 2018