New York, NY

# Marquis Sampson
**Software Engineer**

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## SOFTWARE PROJECTS

**Personal Web Portfolio (https://ms-web-portfolio.com)**                *6/2023-Present*
- Adapted a mockup from Figma into a fully responsive website with over 1,000 lines of code that showcases proficient software engineering projects and relevant skills in front-end and back-end software development.
- Integrated user-friendly design choices that allows users to customize their viewing experience.
- Implemented a contact section so that users can easily initiate contact without using their own email service.
- Utilized: Next.js, TailwindCSS, HTML, JavaScript, CSS, React Hooks, TypeScript, EmailJS, Git

**Amazon Clone (https://www.amzn-clone.com)**                *1/2023-Present*
- Created an e-commerce application that resembles Amazon with the React.js framework Next.js.
- Implemented the Stripe CLI in order to simulate a checkout session, real transactions and shipping rates.
- Composed the overall layout and mobile responsiveness of the full-stack web application using TailwindCSS.
- Utilized: HTML, JavaScript, Next.js, TailwindCSS, React Hooks, Redux, Git

**Spaces: Real-Time Messaging Application (https://ms-spaces.com)**                *2/2023 - Present*
- Designed a messaging app that allows users to join rooms where they can send and receive messages.
- Maintained user authentication and user data within the backend cloud servicing platform Firebase.
- Coded the back-end that allows for bi-direactional communication using WebSockets with Socket.io.
- Utilized: React, React Hooks, JavaScript, HTML, TailwindCSS, Socket.io, Firebase, Git

**Mock Restaurant Website: Grand Buffet (https://ms-grandbuffet.com)**                *12/2022 - Present*
- Developed a modern single page application using vanilla JavaScript, the History API, and ES6 modules.
- Applied client side routing so that each page of the website renders each view and its content dynamically.
- Reproduced import and export syntax structure similar to code developed in React and Next.js.
- Utilized: HTML, JavaScript, CSS, Express, Node.js, Git

## WORK EXPERIENCE

**Stony Brook University**                *Stony Brook, NY*
*Ceridian Intern*                *6/2018 - 9/2018*
- Assisted over 300 staff members on Stony Brook University campus and Stony Brook University Hospital in signing into a new payroll system.
- Participated in developing an instructional video in order to assist future members in logging into the new payroll system.
- Collaborated with over 100 faculty members and over 350 university-run committees in order to provide satisfactory service to every organization that visited Stony Brook campus.

## SKILLS & INTERESTS

**Front-End**: React, JavaScript, HTML, CSS, SASS, Tailwind CSS, Responsive Design
**Back-End:** Node.js, Express.js, Ruby on Rails, Java, C++,SQL, REST APIs, HTTP Methods, WebSockets
**Tools:** TypeScript, Firebase, Socket.io, Git, Next.js, Sanity, Stripe, GraphQL, Redux, MySQL
**Interests**: Software Development, Github, Music, Art, E-commerce, Social Media, Marketing, Game Design

## EDUCATION

System Design, Data Structures and Algorithms                *AlgoExpert, Online Course*
General Assembly: Software Engineering Immersive                *New York City, NY*
Stony Brook University, Major: Computer Engineering                *Stony Brook, NY*