

# Steven Liu

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stevenliu-portfolio.netlify.app

## EDUCATION

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**University at Buffalo, SUNY | School of Engineering and Applied Sciences**

*Bachelor of Science in Computer Science*

**September 2017 – June 2021**

**Dean's List:** Fall 2017

## TECHNICAL SKILLS

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**Languages:** JavaScript, Java, HTML, CSS, SQL

**Software and OS:** Eclipse, Visual Studio Code, Git, Docker, SonarQube, Jira, Microsoft Teams

**Additional:** Angular, React, AWS, Node, MySQL, MongoDB, REST API, Spring Boot

## PROFESSIONAL EXPERIENCE

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**Golden Touch Home Health Caregiver**

**January 2024 – Present**

**Northrop Grumman Software Engineer**

**May 2022 – December 2023**

- Developed software for defense and aerospace systems at Northrop Grumman using Angular, Spring Boot, and Java
- Utilized SonarQube for code quality checks and worked with teams to enhance system reliability
- Led weekly meetings to review progress, resolve issues, and ensure timely software delivery

**ClassA IT Web Developer Intern**

**August 2021 – November 2021**

- Fixed bugs and implementation issues in React Native while managing user authentication and storage with Firebase
- Collaborated with interns to plan, create, and implement a development design model using Slack
- Presented weekly updates on tasks to a team of 5 other interns to improve and update existing features

**Planned Acts of Kindness Mobile App Developer Intern**

**September 2020 – January 2021**

- Developed a cross-platform data-driven mobile app using Glide Apps, leveraging Google Sheets for data storage
- Integrated Google Apps Script to manage databases and implement backend functionalities
- Created a platform for families and individuals affected by COVID-19 to connect and share their stories

## PROJECT EXPERIENCE

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**RoboFriends**

**June 2021 – July 2021**

- Developed a React.js application that fetches user data from JSONPlaceholder and user images from RoboHash
- Utilized the Tachyons CSS framework to implement responsive and streamlined page styling for enhanced UI/UX

**Movie HUB**

**September 2021**

- Developed a React.js application that dynamically displays movie cards based on real-time user input
- Integrated the omdbAPI to retrieve and filter movie search results for improved user experience
- Implemented React Router to enable seamless navigation when selecting a movie card

**YelpCamp**

**December 2021 – January 2022**

- Developed a full-stack app with MongoDB/Express/Node, using RESTful architecture and styled with Bootstrap 5
- Enabled CRUD operations for campgrounds and comments, with user-specific authorization and ownership controls
- Implemented flash messages for error and success notifications, providing users with real-time feedback

## AWARDS AND ACHIEVEMENTS

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**Most Entertaining Award, Emoti-Con 2016 Project Fair**

**Summer 2016**

- Brainstormed and conceptualized the "Alarm Slippers" project, integrating Arduino to create a functional prototype
- Designed a pressure-sensitive alarm system in slippers, using C programming to trigger alerts upon detection
- Presented the project to judges and over 300 attendees, winning 1st place in the Entertainment category