

SAMUEL JONES

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EDUCATION

Louisiana State University

Bachelor of Science, Computer Science, magna cum laude

Baton Rouge, LA

Aug 2019 – May 2023

Minors: Mathematics, Robotics

Relevant Coursework: Computer Networks, Interface Design Technology, Database Management Systems

EXPERIENCE

Full Stack Software Engineer I

July 2023 – Oct 2023

Flexport

Bellevue, WA

- Designed and implemented an end-to-end proof of charge document upload system to improve carrier accountability. Utilized React front end, GraphQL, Ruby on Rails, Postgres, and AWS S3 back end.
- Strengthened analytical skills via query and analysis of invoicing leakage and overcharge.
- Debugged & improved frontend and backend invoice validation with Rspec TDD/unit testing.
- Achieved a reduction in trucking overcharge by over 50% through a strategic approach.
- Collaborated in software projects with other engineers and product management via Agile methodologies.

Full Stack Software Engineer Intern

June 2022 – Aug 2022

Flexport

Remote

- Worked on internal tools for freight forwarding improving usability and development complexity.
- Innovated in-app Jira support submission via dynamically constructed React UI fed with data via GraphQL endpoints integrated with Jira REST API, cutting developer load for further modification by over 50%.
- Received exceeds expectations performance review for accomplishments and self-improvement.
- Strengthened written communication skills through collaborative work in a remote environment.

Data Analytics & Frontend Engineer Intern

June 2021 – Aug 2021

NASA

Remote

- Created two analytics dashboards for process improvement metrics and budget forecasting to allow for more efficient operations and decision making of organization executives.
- Developed through the entire software development life cycle using Anaconda Python, Jupyter, NumPy, Pandas, SQLite, Plotly, and basic web technologies.

PROJECTS

Stare Into The Void (.com) – Web Application | React.js, Next.js, TypeScript, Firebase

Nov 2022 – Present

- Empowers users to find, edit, save, and export high resolution science and space images through a responsive, easy-to-use interface.
- Designed UI/UX in Figma with Tailwind CSS through multiple iterations to assess user needs and improve.
- Leveraged Next.js, Firebase, and GitHub Actions to create a scalable application.

Clairvoyance – Desktop & Web Application | Svelte, Tauri, Rust, Spring Boot

Mar 2023 – Present

- Created a tool to allow for the planning of smooth paths for usage in autonomous robotics.
- Leveraged Svelte and Tailwind CSS for a cross-platform UI, with Tauri & Rust for the desktop back-end and Java Spring Boot for the web, as well as CI/CD with GitHub actions.

Sushi Squad Attendance | TypeScript, Firebase

Jan 2023 – Present

- Designed and implemented web services for Notion attendance system automation with weekly statistics exports.
- Developed using TypeScript, Firebase functions, GitHub Actions & Pages, and the Google Sheets and Drive APIs.

OTHER SKILLS

HTML • CSS • JavaScript • Java • Go • Git • Linux • C/C++ • SQL • Apollo GraphQL • React Relay

HONORS & AWARDS

LSU CxC Distinguished Communicator Medal • LSU Sophomore Honors Distinction • President's Honor Roll
Dean's List • Geaux Hack 2022 2nd Place