

# Mason Austin

## SOFTWARE ENGINEER

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**Languages:** JavaScript | Python | Lua | HTML | CSS

**Frameworks/Tools:** React | Redux | Flask | Node.js | Express.js

**Relevant Skills:** Pair Programming | Object Oriented Programming (OOP) | Test Driven Development (TDD)

## PROJECT EXPERIENCE

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**FILMMAKR** | React | Redux | Flask | PostgreSQL

[Github](#) \\ [Live](#)

- Integrated AWS and Cloudfront to allow users to easily create galleries of photos, images, and videos to display on a portfolio.
- Implemented web sockets for seamless monitoring of upload progress for large files.
- Designed and utilized database models and schemas with SQLAlchemy ORM (Object Relational Mapping) to ensure optimized user data manipulation and retrieval.
- Developed React components that dynamically render user galleries, focusing on an aesthetically pleasing and user-friendly display based on conditional parameters.

**SAVORY SCOOT** | React | Redux | Flask | PostgreSQL

[Github](#) \\ [Live](#)

- Played an integral role within a collaborative team of four, utilizing GitHub for seamless code collaboration, version control, and successful code merging.
- Utilized and managed a PostgreSQL database to securely store and efficiently manage extensive user data, ensuring data integrity, scalability, and optimal retrieval for seamless application functionality.
- Applied Scrum methodologies to orchestrate sprint planning, daily stand-ups, and sprint reviews, fostering transparent communication among our project team, enhancing project agility, and ensuring timely delivery of high-quality software iterations.
- Engineered a robust backend for a web application utilizing Flask framework, orchestrating the development of RESTful APIs that facilitated seamless interaction between frontend and backend, ensuring scalability and optimal performance.

## WORK EXPERIENCE

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**JAYMARC AV** | *Audio Visual Systems Programmer* | Seattle, WA

**March 2022 – May 2023**

- Installed, configured, and optimized AV network equipment (network switches, digital signal processors, etc.) in over 30 locations.
- Established compatibility with third-party software by developing modification and integration programs.
- Implement policies, procedures and best practices to safeguard and protect data, reports and access.
- Commissioned AV systems by fine tuning network protocols and individual devices.
- Provided end-user training to customers, in person and remotely across 20+ locations.

**JAYMARC AV** | *Electrical Apprentice* | Seattle, WA

**March 2020 – March 2022**

- Maintained organization, cleanliness and safety in work areas.
- Reviewed blueprints and electrical schematics to perform tasks to specifications.
- Examined and tested electrical systems to locate loose connections or other faults and make proactive repairs.
- Resolved issues with existing systems and replaced malfunctioning parts.

## EDUCATION

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**App Academy** \\ Full Stack Web Development

**Completed 12/2023**

**University of Washington** \\ *Certificate in Audio Engineering* | Seattle, WA

**2019**

**Olympic College** \\ *Associate in Arts* | Bremerton, WA

**2018**