

# Austin Williams

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**SKILLS** React.js, Python, JavaScript, Node.JS, Flask, Express, Redux, Postgresql, HTML5, CSS3, Docker, Git

## PROJECTS

### Instapaw *JavaScript, React.js, AWS S3*

[Live](#) | [Repo](#)

*This is an exact clone of Instagram. A full stack React.Js/Flask application with user authentication with five features including CRUD abilities for posts, comments, likes, search bar, and following.*

- Managed relations between features with Flask-SQLAlchemy which made querying instances of declarative base models much smoother and simpler
- Utilized the useDispatch hook in order to dispatch actions to the Redux store to update global state and applied the useSelector hook to map appropriate slices of state to components to avoid threading props
- Implemented vanilla CSS with flexbox to have web layout adjust to screen resizing

### RevUp *Python, Flask, React.js*

[Live](#) | [Repo](#)

*An application for vehicles inspired by eventbrite/Meetup. Users are able to create events based-off personal interest for vehicles. Users are able to filter through a list of event's using keywords, comment on the post, and RSVP it to be included on their personal calendar.*

- Structured Postgres database using Python to define classes which represents an entity type and directly maps to a table within the database. SQLAlchemy results in simpler, cleaner code that is quicker to write up
- Applied React.JS/Redux so the user can keep track of the state of the events feature when the appropriate action creator is sent to the events reducer
- Capitalized on WTForm's feature in preventing Cross-Site Request Forgery and the need to recreate validators for each input in every form

### ReddApp *Express.js, Jade/Pug*

[Live](#) | [Repo](#)

*Inspired by Reddit, RedApp is a forum based application where App Academy affiliates can interact with each other via posts and comments. Users are able to filter through their feed of 'public' posts or users he or she follows.*

- Eliminated the need for HTML tags making syntax easier, quicker, and more elegant while working with Pug templates
- Utilized passport middleware function to parse and authenticate incoming JSONWebtokens from frontend to protect routes and verify user identity.
- Implemented the BCrypt hashing function in order to hash user passwords and avoid storing plaintext in the database, preventing rainbow table attacks.

## EXPERIENCE

### Surgical Technician

*Inland Eye Specialists, Jan 2020 - Nov 2020*

- Assisted in preparing the operative suite for surgery by gathering and checking supplies, equipment, and instruments while confirming the correct patient information with O.R. members
- Administered up to 20 procedures throughout the day, requiring fast but thorough attention to detail for ensuring patient safety
- Attended seminars, involved in creating new policies and helped coordinate implementation of safety policies and procedures

### Reprographic Technician

*Rancho Reprographic, Mar 2015 - Dec 2018*

- Operated finishing equipment(3-hole drills, bindery, laminating, folder, cutter, etc..) while prioritizing and monitoring workflow to meet deadlines.
- Quality checked all work products to ensure accuracy and completion of all client specifications/needs for surgery
- Intaken client request/questions over the phone, In-person, or E-Mail by asking detailed questions to result in a clear and concise plan of action while preventing any errors with development team

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development (Graduated October 2021)

**San Joaquin Valley College** - AA - Health Science + Surgical Technician Program (Graduated November 2019)