

# TREVOR IRVING

## Software Engineer with Quality Assurance Experience

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### SKILLS

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**Programming Languages:** Python, Javascript, SQL, HTML, CSS

**Frameworks / Tools:** React, Redux, Flask, Node.js, Express.js, Sequelize, SQLAlchemy, PostgreSQL, AWS, SQLite3, Git

### EDUCATION

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**App Academy** Immersive software engineering bootcamp focused on full-stack web development August 2023 - March 2024

- **Relevant topics:** Pair Programming, Object Oriented Programming, Response Design, Object-relational Mappers, Test-Driven Development, Data Structures and Algorithms

**Purdue University** Bachelor of Science, Dietetics and Nutrition, Fitness, & Health

August 2006 - August 2011

### HIGHLIGHTED PROJECTS

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**TopSpots** | (React / Redux, JavaScript, Flask, SQLAlchemy, AWS, HTML, CSS)

[live](#) | [github](#)

- Built a backend using **Flask**, allowing for easy handling of **HTTP** requests and routing, and used **SQLAlchemy** for efficient database management and communication for easy retrieval and editing of data.
- Used **CSS Flex** layout resulting in an intuitive and visually appealing user interface. Animations are added which enhance user experience when navigating the website.
- Applied **AWS S3** for storing and managing project images, allowing for easy and efficient storage and retrieval of images. Images uploaded are randomly used for the background on the spot page, thus allowing users to directly interact with the web page.

**TuneTrax** | (React / Redux, JavaScript, Python, Flask, WaveSurfer, AWS, HTML, CSS)

[live](#) | [github](#)

- Worked with a group of four engineers and one manager to effectively meet timelines, participating in daily standups, and utilized **Github** best practices to handle workload.
- Implemented **WaveSurfer API** add-on which generates an image of the song audio waves, and traverses the image in sync with the song as it is being played.
- Utilized **Agile methodologies** throughout the project design process and in group meetings, resulting in the delivery of high-quality, functional products that met project requirements.

**TrevBnB** | (React / Redux, JavaScript, Express.js, Node.js, Sequelize, HTML, CSS)

[live](#) | [github](#)

- Established a user driven community that allows users to list their properties for rentals with **React and Express** framework.
- Integrated **Sequelize** database with **RESTful API** to allow users full interactions with spots, bookings, reviews, and images.

### WORK EXPERIENCE

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#### Quality Assurance Manager

Albertsons Companies

June 2020 - July 2023

- Managed Co-Manufacturers who produced Frozen Food, Pet Food, Family Care (Dietary Supplements, OTC Drugs, Medical Devices), Health and Beauty (Cosmetics), and General Merchandise for Albertsons Companies. Initiated product recalls and withdrawals as required to remove non-complying products from the marketplace.
- Performed 150+ Supplier Certification Audits of new suppliers (domestic and international) certifying them to Albertsons Companies requirements.
- Developed company requirements for Private Label Over-the-Counter Drugs and Dietary Supplements product lines by utilizing federal regulations along with product recall data. Streamlined requirements with existing suppliers, and certified new businesses to the requirements.
- Routinely held meetings with top suppliers of Albertsons to set goals to reduce complaint volume. Reduced leading product customer complaint volume by 50% during a three-year product quality improvement plan by implementing increased quality assurance testing of the product.