

# Andrew Chan

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[Portfolio](#)

Los Angeles, CA

## SKILLS

Javascript, React, Redux, HTML, CSS, Sequelize, PostgreSQL, SQLAlchemy, GIT, Github, REST APIs, Python, Express, Flask, Jest, Cypress, Node.js, Tailwind CSS

## PROJECTS

**StickKarter** - A full-stack clone of Kickstarter, a crowdfunding site.

[Live Site](#) | [Github](#)

Technologies: JavaScript, React.js, Redux.js, HTML5, CSS, GIT, PostgreSQL, Flask, SQLAlchemy, WTForms, Python, AWS S3, REST APIs

- Developed a robust backend system, with Flask and SQLAlchemy that empowered authenticated users to create, read, update, and delete projects and rewards, enhancing the platform's versatility and user interaction capabilities.
- Improved database query performance and reduced server load by efficiently retrieving user-related information, such as backed projects, resulting in a more responsive and scalable application.
- Enabled authenticated users to upload project banner images directly to AWS S3 storage, improving project customization and user experience.

**Bumblr** - A full-stack clone of Tumblr, a social media blog site.

[Live Site](#) | [Github](#)

Technologies: JavaScript, React.js, Redux.js, HTML5, CSS, GIT, PostgreSQL, Flask, SQLAlchemy, WTForms, Python, AWS S3, CKEditor, Socket.io, REST APIs

- Developed a robust backend system, with Flask and SQLAlchemy, that allowed authenticated users to create, read, update, and delete posts and comments, enhancing functionality and enabling interactive user engagement.
- Created visually appealing, easy-to-use login and signup pages with intuitive designs that improved the onboarding experience for new users, encouraging them to engage with the platform.
- Guided the team in GitHub, implementing best practices for version control management, including effective branching strategies and pull request workflows, to ensure code integrity and smooth collaboration throughout the project.

**BallBnB** - A full-stack clone of Airbnb, a location-based hosting site.

[Live Site](#) | [Github](#)

Technologies: JavaScript, React, Redux, CSS, HTML5, GIT, Sequelize, PostgreSQL, Express, AWS S3, Google Maps API, REST APIs

- Provided a secure and efficient backend infrastructure with Express.js that allowed authenticated users to create, read, update, and delete spots and bookings, enhancing functionality and user experience.
- Empowered users to set specific locations, with latitude and longitude, for their spots, and displaying it with Google Maps API enhancing the accuracy and user-friendliness for both creators and consumers.
- Implemented a backend search feature that allowed users to find spots easily by specifying city, state, and country criteria, enhancing usability and enabling efficient spot discovery regardless of the user's search preferences.

## EDUCATION

**University of California, Riverside** - Biology, Bachelor of Science - 3.4 GPA

September 2014 - June 2018

Relevant Coursework: Intro to Computer Science, Effective Use of World Wide Web, Intro to Genomics and Bioinformatics

**App Academy**

April 2023 - September 2023

Rigorous 24-week, 1000+hours software development course with < 3% acceptance rate. Topics include Full-stack web development, Algorithms, OOP, Restful API, version control management.

## EXPERIENCE

**Web/Frontend Developer**

January 2024 - Present

- Utilized React and frontend frameworks to create a feature-rich, aesthetically pleasing, and responsive personal/business website, collaborating closely with a web designer and client to ensure an optimal user experience across various devices and screen sizes.
- Utilized Git and GitHub for version control, ensuring seamless collaboration and code management with branching strategies and pull requests.
- Integrated Google Analytics for in-depth traffic insights and employed Formspre.io for efficient client communication.

**Physical Therapy Aide**

*DynamX Physical Therapy*

December 2019 - April 2023

- Provided direct support to patients by assisting with exercises, mobility, and transfers, ensuring their safety and comfort during therapy sessions.
- Maintained accurate records of patient progress, exercise logs, and treatment notes, ensuring thorough and organized documentation.
- Collaborated effectively with physical therapists, and other healthcare professionals, and communicated patient updates and progress.