

KELLY SHAO

San Francisco, CA (open to relocation)

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

PROJECTS

Varorant (Python, Javascript, CSS3, HTML5, Flask, React.js, Redux, SQLite, Postgres, Docker, AWS S3 Bucket)

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

Inspired by the Valorant homepage, Varorant is a full-stack website that focuses on user experience where users may submit tickets or media in the community

- Executed a pixel-perfect full-stack web development with a focus on creating visually compelling and user-friendly front-end features
- Implemented three critical CRUD functionalities (ticket, media, and comments) within a 2-week timeframe, demonstrating a strong ability to deliver on tight deadlines
- Utilized AWS S3 for cloud storage of image uploads, ensuring secure and efficient data management
- Designed and developed a visually appealing photo lightbox and randomized masonry layout using React.js, featuring a dynamic grid layout for all uploaded media with 3 randomized dimensions

Meowbnb (Javascript, CSS3, HTML5, React.js, Redux, Express.js, Sequelize, SQLite, Postgres, Google Maps API)

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

Inspired by Airbnb, Meowbnb is an online booking platform that focuses on short-term homestays for cats

- Developed a user-friendly and efficient web application with 4 key CRUD features, including listing, booking, reviews, and search
- Integrated Google Maps API to provide a dynamic and interactive location display feature in the web application, enabling users to easily find and navigate to listings
- Utilized the npm package's auto-complete feature to help users quickly and accurately enter addresses upon hosting a new listing. Implemented a system that automatically converts the entered address into Lat and Lng coordinates, which are then displayed as a pin on the Google Maps feature

Ingenius (Python, Javascript, CSS3, HTML5, Flask, React.js, Redux, SQLite, Postgres)

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

Inspired by Genius, Ingenius is a full-stack web application that allows users to provide annotations and interpretations of song lyrics

- Utilized extensive programming skills to develop the functionality of 4 core CRUD features, including tracks, comments, annotations, and upvotes
- Delivered engaging and visually compelling web designs with user-friendly UI that are cross-browser compatible by implementing responsive design principles and CSS media queries
- Planned out the project Kanban board for team efficiency and productivity. Improved team collaboration and communication by implementing a clear task management system, resulting in the successful delivery of the project

SKILLS

Languages: Python, Javascript, HTML, CSS

Frameworks/Tools: React.js, Redux, Flask, Node, Express, SQL, Sequelize, SQLAlchemy, jQuery, PostgreSQL, Docker, Mocha, Heroku, Git, REST, Object Oriented Programming(OOP), Google API, AWS S3

EXPERIENCE

Web Development Instructor Assistant

Feb' 2023 - present

Mission Bit (Part-Time Contract)

- Successfully instruct students on HTML, CSS, and UI/UX design principles, providing hands-on experience in creating dynamic and user-friendly web pages through interactive lessons and real-world projects

Junior Hacker in Residence

Jan' 2023 - present

App Academy (Part-Time Contract)

- Deliver personalized 1:1 sessions for incoming software engineers, offering guidance and support in the areas of HTML, CSS, and Javascript, helping them to successfully prepare for their course at App Academy

EDUCATION

App Academy

City College of San Francisco (Computer Science Major)

- Certificate of Recognition from State of California Senate, California State Board of Equalization, and California Legislature Assembly (x2)
- Certificate of Honor from the City and County of San Francisco