

Colin Sung

Full Stack Developer | Software Engineer

Torrance, CA | 310-944-1225 | colinsung0714@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

TECHNICAL SKILLS

Frontend: React.js, Redux, JavaScript, HTML, CSS, Google Maps API,

Backend: Node.js, Express, SQL, PostgreSQL, Python, Flask, SQLAlchemy, SQLite3, AWS

Expertise: Algorithms, Architecture, Debugging, Deployment

PROJECTS

Opentables, Full Stack Developer - React | Flask

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

Developed an Opentable clone, seamlessly connecting diners and restaurants for dining reservations.

- Leveraged Google Geocoding, Places, Address Validation, and Directions APIs to automate address population, enhancing user experience.
- Implemented real-time reservation availability and search functionality using JavaScript Date and Redux state.
- Utilizing Python, optimizes the backend data manipulation processes for restaurant and reservation management, enhancing efficiency.

Airbrb, Full Stack Developer - React | Express

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

Designed an Airbnb clone, simplifying interactions between users and accommodations.

- Integrated AWS for streamlined image uploads and storage, enhancing platform functionality and aesthetics.
- Implemented a robust data structure to enhance the efficiency of user, spot, and reservation data by leveraging the Sequelize framework.
- Utilized the Google Maps API to display location information and provide directions from the user's location to the spot's location.

Aperture, Full Stack Developer - React | Flask

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

Inspired by Flickr, developed Aperture, a fresh photo-sharing platform.

- Implemented SQLAlchemy for effective data structure management and the refinement of model relationships.
- Utilizing React to elevate the user experience by presenting their personal collections and preferred photos.

EXPERIENCE

IT Support *CICOM*

Jan, 2022 - Jun, 2022

- Installed and configured Windows Server 2016 and SQL Server 2017 on the company's datacenter and local servers as required when extending server capacity or fulfilling client needs.
- Performed client-requested data restoration and conducted monthly DB backups to ensure client data security.
- Monitored the company datacenter's performance and data usage daily to assess client data size.
- Troubleshooted, resolved, and communicated networking issues to other employees and management.

IT Help Desk *AmWest Funding Corp*

Feb, 2020 - May 2021

- Provided solutions to approximately 100 company employees via email, phone, and direct messages, addressing issues related to applications, hardware, software, and networking.
- Performed networking troubleshooting with onsite techs, including staging routers and switches for store use.
- Assisted the Manager with Active Directory tasks, including creating objects, groups, granting permissions, and approving user access to the network.

EDUCATION

App Academy, Full Stack Development

Apr, 2023 - Sep, 2023

Developed proficiency in modern web development technologies and best practices during an intensive

University of California, Los Angeles, Bachelor of Science in Physics with a minor Mathematics

Jun, 2011-Jun, 2014