TENGZHONG LUO

tengzhongluo@gmail.com | Permanent Resident | Boston, MA | GitHub | LinkedIn | Portfolio

SUMMARY: Software Engineer with a strong background in accounting and data analysis. Proficient in full-stack web development, including experience in Python, JavaScript, SQL, React. Proven track record of successful projects and innovative solutions. Strong communication skills with the ability to collaborate in diverse teams.

SKILLS

Programming Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks / Libraries: React, Redux, Flask, Node.js, Express.js, Sequelize, SQLAlchemy,
Tools: AWS, Git, SQLite, Google Maps API, REST APIs, Render, Alteryx, UiPath, Playwright, Pandas
Key Concepts: Pair Programming, Object-Oriented Programming (OOP), Test-Driven Development (TDD)

PROJECTS

Tinterest - Pinterest Clone (Python, Flask, JavaScript, HTML, CSS, React, Redux, SQLite3, AWS S3)   Live Site | GitHub
- Led effort to resolve complex SQLite3 database issues, including addressing many-to-many relationships between different class models, ensuring consistent delivery of accurate data after user interaction
- Maintained the backend of the application using Python and Flask with Redux state management, enabling seamless data flow and efficient handling of user interactions, such as save/unsave pins and follow/unfollow users
- Collaborated with 3 developers through Git Branch and leveraged team strengths to deliver a high-quality product

HereBnB - Airbnb Clone (Express, JavaScript, HTML, CSS, React, Redux, Google Maps API)   Live Site | GitHub
- Designed a user-friendly booking feature using the React Date Range library to empower users to effortlessly manage booking dates while ensuring accurate availability and streamlined booking functionalities
- Leveraged Google Maps API to provide location-based services to enhance user satisfaction and retention
- Achieved a high degree of visual fidelity to the clone site through pixel-perfect styling (especially CSS grid, and media queries) and attention to detail

YoloMap - Yelp Clone (Python, JavaScript, HTML, CSS, React, Redux, AWS S3, Google Maps API)   Live Site | GitHub
- Developed an interactive map interface (UI) using Google Maps API to display markers and info windows on the map dynamically, improving the user experience (UX) and providing real-time information on hover
- Implemented a robust file upload feature using AWS S3, significantly improving user experience (UX) and driving higher user engagement
- Integrated a fully functional shopping cart feature leading to a substantial increase in user engagement

EXPERIENCE

App Academy, Full-Time Software Engineering Coding Bootcamp   Nov 2022 - May 2023
Intensive 1500-hour immersive full-stack web development course

PricewaterhouseCoopers (PwC)   Boston, MA
Senior Assurance Associate   Jan 2021 - Oct 2022
- Streamlined the audit process by developing and implementing 3 automation workflows in Alteryx Designer and UiPath Studio, saved the team hundreds of working hours every year
- Successfully led confirmation process for over 5,700 securities and completed all relevant work one week before release, marking the first time in the engagement team's history
- Effectively communicated audit status to clients through weekly meetings and liaised with 53 different third parties to handle requests, ensuring that all parties received accurate, clear, and timely updates and information

Assurance Associate   Oct 2018 - Dec 2020
- Served clients in the asset management industries, including mutual/hedge funds, venture capital, and broker-dealers
- Successfully managed CPA studies and work simultaneously, passed all exams, and earned the license within 1 year
- Achieved early promotion to senior associate in recognition of exceptional performance and contributions to the team

EDUCATION

University of Utah   Salt Lake City, Utah
Master of Accounting (Student Advisory Group Leader)   Jan 2017 - Aug 2018
Bachelor of Science in Accounting (Dean's List, Beta Alpha Psi Honor Society)   Sept 2013 - Dec 2016

Licensed Certified Public Accountant (CPA)   Jan 2020 - present