TENGZHONG LUO

Full Stack Developer | Software Engineer

(385) 831-9808 | tengzhongluo@gmail.com | Permanent Resident | GitHub | LinkedIn | Portfolio

SKILLS

Programming Language: JavaScript, Python, HTML, CSS, SQL
Frameworks / Tools: React, Redux, Flask, Node.js, Express.js, Sequelize, SQLAlchemy, AWS, Google Maps API, RESTful APIs, Alembic, Docker, Render, Alteryx, UiPath
Key Skills: Pair Programming, Object-Oriented Programming (OOP), Test-Driven Development (TDD)

PROJECTS

YoloMap - Yelp Clone (Python, JavaScript, HTML, CSS, React, Redux, AWS, Google Maps API)   Live Site | GitHub
- Developed an interactive map interface using Google Maps API to dynamically display markers and info-windows on the map, enhancing the user experience and providing real-time information on hover
- Enabled a robust file upload feature using AWS S3, significantly improving user experience (UX) and driving higher user engagement
- Implemented Redux state management with JavaScript for efficient data flow and enhanced application performance
- Utilize React to create a virtual DOM to efficiently update and render UI components, resulting in a fast and responsive web application

Tinterest - Pinterest Clone (Python, Flask, JavaScript, HTML, CSS, React, Redux)   Live Site | GitHub
- Collaborated with 3 developers through Git Branch and leveraged team strengths to deliver a high-quality product
- Demonstrated exceptional problem-solving skills by expertly resolving complex SQLite3 database issues, including addressing many-to-many relationships between different class models, ensuring that the application consistently delivered accurate data after user interaction
- Integrated Flask backend with Redux state management, enabling seamless data flow and efficient handling of user interactions, such as save/unsave pins and follow/unfollow users

HereBnB - Airbnb Clone (Express, JavaScript, HTML, CSS, React, Redux, Google Maps API)   Live Site | GitHub
- Designed and implemented 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 GoogleMaps API to provide unparalleled location-based services to enhance user satisfaction and retention
- Implemented password hashing and encryption, to protect user data, prevent unauthorized access, ensure user privacy
- Achieved a high degree of visual fidelity to the clone site through pixel-perfect styling (especially CSS grid, media queries) and attention to detail

EXPERIENCE

PricewaterhouseCoopers   Jan 2021 - Oct 2022
Senior Assurance Associate   *Boston, MA*
- Streamlined the audit process by developing and implementing automation workflows in Alteryx Designer and UiPath Studio, saving the team hundreds of working hours every year
- Successfully managed 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 after the first busy season and earned the license within the first year of work
- Achieved early promotion to senior associate in recognition of exceptional performance and contributions to the team

EDUCATION

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

Licensed Certified Public Accountant   Since Jan 2020

University of Utah, David Eccles School of Business   Salt Lake City, Utah
Master of Accounting (GPA: 3.831)   Jan 2017 - Aug 2018
Bachelor of Science in Accounting (GPA: 3.814, Dean's List, Beta Alpha Psi Honor Society)   Sept 2013 - Dec 2016