Kenneth Liang

San Francisco, CA | kennethkjliang@gmail.com | <u>LinkedIn</u> | <u>GitHub</u> | <u>Portfolio</u>

EXPERIENCE

Full-Stack Software Engineer — Aug 2021 – Nov 2022
Twitter Inc — *San Francisco, CA*

- Twitter Service Tech/Health Tools - Enhanced operational efficiency and performance through automating tasks, integrating third-party services, optimizing user-facing Twitter products and large-scale distributed systems in an agile development environment
- Streamlined knowledge graph data pipeline - Designing schema, relationships between entities, metadata fields, and score functions optimizing search and analysis for machine learning models and user comprehension
- Revue newsletter editorial service - Patched frontend issues, introduced new UI features, improved editor interactivity, and programmed seamless cross-platform content migration, leading to a 20% boost in user engagement and platform experience
- Revue's internal administration panel - Designed and developed a scalable Ruby-based backend service featuring RESTful API, single sign-on, user authentication, profile creation, auditing, and data collection, driving autonomous productivity and reduced 60% of manual tasks and ad-hoc engineering requests
- Triage & Support - Improved security measures and optimized workflows for Tweet annotations, query templates, Scala shell scripts, Thrift structs, unit testing, pull request review, troubleshooting build errors, and investigating bugs across evolving products
- Tech Stack: Scala, Ruby on Rails, JavaScript, React, Python, Apache Thrift, SQL

Senior Credit Operations Analyst — Jul 2017 – Dec 2019
LendingClub — *San Francisco, CA*

- Developed test automation scripting model that identifies fraud exploitations
- Integrated third-party APIs to analyze bank transaction data, reduce loss from delinquency, and improve eligibility
- Conducted in-depth analysis of loan performance data using SQL to identify underperforming areas and recommended risk mitigation strategies
- Spearheaded technical support efforts as the main point of contact, managing escalated customer inquiries, evaluating bugs, and implemented improvements with Product and Engineering teams
- Led mentorship programs and upskilled three cohorts in a fast-paced environment at the expanded Lehi, UT office

TripShot Android Technician — Mar 2019 – Jul 2017
Google — *Mountain View, CA*

- Managed tracking software on Google devices, ensuring accurate documentation and communication for issue resolution and debugging
- Gathered functional requirements for developing technical specifications and project/test planning

PROJECTS

A* Pathfinder Algorithm | *Python, pygame* — 2023
- Simple implementation to find the shortest distance between two nodes using A* Algorithm

Ethereum Blockchain Application | *web3, Solidity, NodeJS, Truffle, Ganache, MetaMask, Mocha, Chai* — 2021
- Ethereum todo list powered by smart contracts

SeatCheck | *React, Redux, JavaScript, PostgreSQL, Ruby/Rails, AJAX, S3* — 2020
- A full-stack web application with an OpenTable-inspired UX/UI

TECHNICAL SKILLS

Programming: Python, Scala, JavaScript, Ruby, Rails, TypeScript, SQL, HTML/CSS,
Technologies: React, NodeJS, MySQL, NoSQL, Flask, Django, GraphQL, jQuery, Express, Webpack, Tableau, CRM
DevOps & Cloud: CI/CD, Jenkins, AWS, Kubernetes, Docker, Google Cloud Platform
Tools: Git/GitHub, Jira, VS Code, IntelliJ IDEA, Zendesk

EDUCATION

App Academy — San Francisco, CA
Full-stack software engineering boot camp - web development and computer science — *2020*

San Jose State University — San Jose, CA
Bachelor of Science - Business Analytics — *2016*