Alexander **Kim**

FULL STACK SOFTWARE ENGINEER

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Dynamic full-stack software engineer with a bachelor's degree in finance and experience working in risk management and compliance in finance and fintech industries. Adept at navigating multifaceted development ecosystems and dedicated to utilizing cutting-edge technologies to craft inventive solutions that address intricate challenges and elevate user engagement.

Languages: JavaScript, Python, SQL, HTML, CSS
Frameworks/Tools: React, Redux, Express, Node.js, Flask, Sequelize, SQLAlchemy, AWS
Key Skills: Prompt engineering, pair programming, TDD, OOP, APIs, library integration, JIRA, Slack, MS Office, PowerBI, OpenAI, process optimization, data structures, and algorithms

PROJECT EXPERIENCE

Custom AI Dialogue Generation Web App - SBU
OpenAI API, React, Flask, Redux, PostgreSQL   [**GitHub**](#) **>** [**Live**](#)
- Developed a unique, interactive website utilizing OpenAI's API to generate AI personalities that interact with each other, demonstrating a strong command of JavaScript, React, and Python.
- Engineered complex prompt systems to facilitate dynamic and engaging dialogues between AI personalities, showcasing deep understanding of OpenAI's GPT models and proficiency in AI integration.

Trello-Inspired Kanban Board - Jello
React, Flask, React Beautiful DnD, Redux, PostgreSQL   [**GitHub**](#) **>** [**Live**](#)
- Collaborated with a team, managed code versioning and project updates using GitHub, exhibiting effective use of version control systems and team collaboration tools.
- Integrated external library to enable drag and drop for multi-layered features to enable maximum utility.

Airbnb-Inspired Rental Marketplace Platform - BearBnB
React, Express, Node.js, Redux, PostgreSQL, AWS   [**GitHub**](#) **>** [**Live**](#)
- Developed a feature-rich rental service platform inspired by Airbnb, demonstrating extensive full-stack development skills and proficiency in utilizing AWS.
- Implemented robust and intuitive features such as search functionality, rental management, and user authentication, exhibiting a keen understanding of user-centered design and a commitment to creating high-quality user experiences.

WORK EXPERIENCE

Coinbase **>>** **Policy Ops Support Analyst** **>** Remote   **July 2021 – July 2022**
- Contributed to the development of risk and performance indicator tracking systems, focusing on user experience enhancement and client satisfaction.
- Supported internal support requests from Tier 1 and Tier 2 team members regarding cases that were contextually complex, variable, or otherwise deviating from written workflows.

Smarsh **>>** **Compliance & Supervision Specialist** **>** Portland, Oregon   **April 2019 – December 2020**
- Managed an internal company-wide training initiative, interfacing with a variety of subject matter experts.
- Provided consulting to hundreds of clients ranging from one-person shops to 10,000+ employee enterprises.
- Authored and managed 30+ complex JSON-based lexicon and policy files used by hundreds of banks, RIAs, broker dealers, and other financial firms.

EDUCATION

APP ACADEMY **>>** Full-Stack Web Development
OREGON STATE UNIVERSITY **>>** *Bachelor of Science in Finance* **>>** Corvallis, OR
FINANCIAL LICENSES **>>** *Series 7, Series 66, CFA 1 Passed*