Misha Wang

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SUMMARY

Actively seeking an SDE full-time role in 2023. With a solid Computer Science foundation and hands-on industry experience. Looking to build products that makes an impact in everyday life. Passionate about learning and problem-solving.

EDUCATION

University of San Francisco   San Francisco, CA
M.S. Computer Science   Aug 2019 – May 2022

City College of San Francisco   San Francisco, CA
Computer Science   Aug 2018 – May 2019

EXPERIENCE

Flexport   San Francisco, CA
Software Engineer   May 2022 – Oct 2023

- Devised and implemented a GraphQL API, utilizing React, Kotlin and Spring, which streamlined the Accounts Payable team's operations. The API enhanced the procurement lead search process and facilitated automatic allocation to different vendors.
- Revitalized the functionality of the Accounts Payable team's work management service, empowering associates to efficiently process daily invoices from a variety of vendors. This was accomplished through the effective use of Kotlin, GraphQL, and React.

Intuit   Mountain View, CA (Remote)
Software Engineer Intern   May 2021 – Aug 2021

- Designed and implemented a Restful API for ingesting customer transaction data using Spring Boot, and added JUnit test coverage
- Implemented an Apache Kafka producer for Credit Karma's predictive insights service, populating large volumes of streaming data into the topic

SELECTED PROJECTS

Distributed File System & Computation Engine

- Designed and developed fault tolerant DFS from scratch based off of Hadoop DFS using Go and support MapReduce jobs

WordPress to Jamstack Migration   https://www.bitcoinnoobs.com/

- Migrated a cryptocurrency Wordpress blog to a Jamstack site using Nuxt.js, Netlify and built the data pipeline using AWS S3, Lambda to get top 100 crypto prices

Travel Helper Web Application

- Developed a website with a subset of the functionality of TripAdvisor, where users can register, login, search for hotels and reviews, view hotel information, write and edit hotel reviews, view nearby attractions or restaurants

COVID-19 Data Visualization   https://bit.ly/misha

- Immersive visualization of the geographic spread of the pandemic built with d3.js

SKILLS

Programming Languages:	Java, JavaScript, Python, Go, HTML, CSS, Tailwind, C, C++, Shell
Tools and Frameworks:	Vue.js, Nuxt.js, React, Node.js, D3.js, Git, Postgres, MySQL
Operating Systems:	Linux, MacOS, Windows