Kevin Gao

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Projects

Personal Portfolio Website
- Designed, developed, and deployed a personal portfolio website with React and SCSS using Framer, Leaflet, Emailjs, react-router-dom, and GitHub pages.

Messaging App
- Developed a real-time messaging app using the MERN stack. Headed the Node.js and React development of room, user, and messaging components. (RESTful API, front-end)

"Fork"
- Engineered a JS app leveraging the power of Paypal/Tesseract API for intelligent receipt scanning and automated invoice generation, making large group payments easy.
- Worked with MongoDB and Paypal development sandbox capabilities to head Paypal API integration and real-time user testing within the team

"Zoomies"
- Conceptualized and constructed an app designed to randomly and uniquely pair individuals in a group setting to enhance social bonds for diverse interactions.

Collaborative Recommender System
- Designed and implemented to provide personalized magazine recommendations based on user data. Employed advanced data analysis techniques to enhance user experience

Eight Puzzle Search
- Engineered an intelligent solver for the classic 8-puzzle problem, employing diverse search methods for optimal solutions.

Skills/Classes

- *Skills*: Python, C++, OOP, React, Javascript, SQL, Express.js (REST API), Node.js, npm, Git, Github, HTML, CSS, MongoDB (NoSQL), Java, Pandas, NumPy, Collaboration
- *Classes*: Software Construction, Discrete Structures, Data Structures and Algorithms, OS, Data Analysis, Databases, AI, Big-Data, Concurrent Programming, Software Engineering, Web Dev

Education

San Jose State University   San Jose, CA
MS, Data Analytics   *Starting August 2024*
University of California, Riverside   Riverside, CA
BS, Computer Science with Business Applications - GPA: 3.66   *September 2019 - July 2023*
- Chancellor's Honors List (2020, 2022)
- Dean's Honors List (2019, 2020, 2021, 2022)