Masato Nandate

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EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)
Bachelor of Science Degree in Computer Science   Jun 2024
Minor: Statistics
GPA: 3.83

Relevant Coursework: Software Engineering, Systems Programming, Data Science, Data Bases, Programming Languages

SKILLS

Programming Languages: Swift, JavaScript, Python, C, Java, MySQL, C, Racket, R, HTML, CSS
Frameworks/Technologies: React, Node, UIKit, SwiftUI, Express, MongoDB, Git, GitHub Vim, Unix, Minitab
Languages: Fluent Japanese

WORK EXPERIENCE

Software Engineer Intern – Gap Inc.   Jun 2023 – Aug 2023
- Implemented core functionalities for e-commerce mobile application using swift, contributing to the app's seamless user experience and enhanced customer satisfaction
- Spearheaded the creation of a Swift package to streamline the adoption of SwiftUI components across the team's projects, increasing development efficiency and code consistency
- Monitored SonarQube to perform code analysis and identify areas for code quality improvement, ensuring the delivery of high-quality, maintainable software
- Participated in agile development processes, attending stand-up meetings, sprint planning, and retrospectives to ensure project milestones were met on schedule

Data Analyst – Cal Poly Journalism Department   Sep 2022 – Present
- Collaborated closely with reporters and editors to identify key data points and design effective visual representations that complemented the content of each article
- Utilized data visualization tools such as R and Python to develop interactive charts, graphs, and infographics, translating raw data into easily digestible visual narratives

Computer Science Tutor – Cal Poly Computer Science Department   Sep 2022 – Present
- Assisted students in debugging code, troubleshooting errors, understanding complex algorithms, and enhancing their problem-solving skills and confidence in coding

PROJECTS

Interval Timer – Swift
- Developed an iOS interval timer application utilizing SwiftUI, catering to users engaged in high-intensity interval workouts
- Applied Swift's declarative syntax to create a visually polished and user-friendly interface, enhancing the workout experience
- Utilized Core Data for persistent data storage, enabling users to conveniently store and track their workout history directly on their iOS device
- Ensured an efficient and intuitive user experience through thoughtful design, responsive interfaces, and seamless transitions

Group Cart – Mongo, Express, React, Node, Azure
- Collaborated with classmates to create a grocery management application using the MERN stack
- Developed the backend with Node.js and Express.js to handle user authentication, group creation, and data storage
- Constructed dynamic user interfaces using React, enabling roommates to sign in, join groups, and add shopping items seamlessly
- Leveraged MongoDB to store user profiles, group details, and shopping lists, ensuring efficient data retrieval and real-time updates

Spotify Visualizer – React
- Created a web application using React that enables users to seamlessly authenticate with their Spotify accounts, providing real-time visualization of user's music playback data
- Integrated Spotify's API authentication process into the React application, establishing a secure and streamlined connection to users' music data