SHUXIN WENG

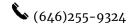✉ shuxinweng@gmail.com   ☎ (646)255-9324   ▤ linkedin.com/in/shuxinweng   ⚲ Flushing, NY

📖 https://shuxinweng.github.io/ShuxinWeng-portfolio

Education

Computer Science 08/2020 - 01/2024

Hunter College • New York, NY
Minor: Mathematics
Relevant Coursework: Web Development, Software Engineering Product, iOS development, Cybersecurity, Flutter App, Distributed AI, Data Structure, Computer Theory, Operating Systems, Computer Architecture

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Projects

SMCW Rx | *JavaScript, Railway, Postgres, Sequelize, Nodemailer, Socket.io, OpenFDA API*
- Collaborated in a team as the front-end developer, effectively communicating with the other teams to achieve project objectives.
- Implemented intuitive UI, reducing time and effort for doctors, pharmacists, and patients in prescription processes.
- Identified and resolved front-end issues promptly, ensuring the overall stability and reliability of the application.
- Contributed end-to-end design of SMCW Rx, shaping the application's concept and plan for seamless alignment with project goals.

ArtiPic | *Swift, SwiftUI, PassKit, OpenAIKit, Firebase, KingFisher*

- Developed ArtiPic, an iOS app that empowers users to create AI-generated images using the OpenAI image generation API.
- Implemented secure payment via Apple Pay, leveraged Apple Developer's PassKit to facilitate a smooth payment experience.
- Employed KingFisher for efficient image loading and display, ensuring smooth presentation of AI-generated images within the app.
- Conducted through testing and debugging to ensure ArtiPic's stability and reliability, providing users with an error-free experience.
- Demonstrated strong project management skills, overseeing the project's entire lifecycle from ideation and design to development.

UpFly | *Swift, UIKit, Openweathermap, CoreLocation, MapKit, Firebase*
- Developed a travel planner to enable effortless collaboration among friends, allowing them to plan and organize trips seamlessly.
- Implemented weather functionality through Openweathermap API, providing real-time weather updates for effective trip planning.
- Leveraged CoreLocation and MapKit to offer navigation and discover fun activities nearby, enhancing the overall travel experience.
- Utilized FirebaseAuth to ensure secure user authentication, enhancing privacy and data protection for UpFly users.

Adventure | *Flutter, Dart, Firebase, MySQL, GCP*
- Implemented real-time task creation and assignment features for seamless collaboration among roommates and friends.
- Integrated Google Cloud Platform (GCP) services to leverage cloud computing capabilities, enhancing scalability and reliability.
- Designed an intuitive user interface to simplify task creation and management within the Adventure app.
- Utilized Firebase Authentication to implement secure email and Google-based sign-in, ensuring a smooth onboarding experience.

Skills

Programming language: Swift, JavaScript, C++, Python, Dart
Tech stacks: SwiftUI, UIKit, React.js, Node.js, Express.js, Tailwind CSS, Firebase, MongoDB, PostgreSQL, Figma