

# SHUXIN WENG

✉ [shuxinweng@gmail.com](mailto:shuxinweng@gmail.com)

☎ (646)255-9324

🌐 [linkedin.com/in/shuxinweng](https://www.linkedin.com/in/shuxinweng)

📍 Brooklyn, NY

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

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## Education

### Computer Science expected graduation: 12/2023

Hunter College • New York, NY

Relevant Coursework: Web Development, Software Engineering Product, iOS development, Cybersecurity, Flutter App, Distributed AI, Data Structure, Computer Theory, Operating Systems, Computer Architecture

### Pharmaceutical Science 09/2019 – 05/2020

Long Island University • New York, NY

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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 to the end-to-end design of SMCW Rx, shaping the application's concept and plan for seamless alignment with project goals.

### ArtiPic | *Swift, SwiftUI, PassKit, OpenAIAKit, Firebase, KingFisher*

- Developed ArtiPic, an iOS app that empowers users to create AI-generated images effortlessly using the OpenAI image generation API.
- Implemented secure payment processing 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 thorough 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*

- Designed and implemented features to enable effortless collaboration among friends, allowing them to plan and organize trips seamlessly.
- Implemented weather functionality through Openweathermap API, providing users 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.

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## Skills

Swift, SwiftUI, UIKit, JavaScript, MongoDB, Express, React, Node, HTML/CSS, Tailwind CSS, Flutter, Dart, Firebase