Sen Lin

sunnylinsen@gmail.com | +44 7342 046879

Education

Goldsmiths, University of London   Sep 2019 - Jun 2023 (Expect)
Bachelor of Computer Science

Some Courseworks:
- *Audio Style Transfer with Mel-GAN: Training and Evaluation on a Dataset of Audio Signals* (Course: Artificial Intelligence)
- *A Cross-Platform Video Journal Application* (Course: Final Project)
- *Implementing Merkle Tree Using Swift For Data Integrity Verification* (Course: Algorithms 3)

Skills

Programming Languages:	Swift, Python, Dart, JavaScript, TypeScript
Web Front-end Framework:	React(Redux, Next.js, MaterialUI)
Mobile Framework:	UIKit, SwiftUI, Flutter
Database:	MongoDB, Firestore, CoreData, MySQL
Machine Learning:	Tensorflow, Scikit-learn, PyTorch
Could:	AWS EC2

Work Experience

Full-Stack developer

Gin's Bar (Remote)   Dec 2022 - Now
- Developed and maintained a web application to manage daily transactions, customer orders, and customer service for the three branches of the local bar
- Using MERN stack(MongoDB, Express.js, React, and Node.js) to create auser-friendly platform for business operations

Personal Projects

For more information about my personal projects, please visit my website: https://forestlinsen.github.io/

ShotDiary (UIKit)

May 2022 - Jul 2022
A video diary app helps you record the highlights of your life

- MVVM Architecture
- CoreData for managing the user diary data (videos are stored as reference in CoreData)
- UICollectionView and UISegmentedControl to display different views with the same data
- Using Pexels' API to download and search videos

Spotify Manager (UIKit)

Feb 2022 - Apr 2022
A music app to search millions of songs and manage your Spotify library

- MVVM Architecture

- OAuth 2.0 authorisation framework for connecting with Spotify
- Spotify API for fetching and searching songs and artists
- AVPlayer for playing songs from the preview url

Efficient Frontier Calculate (Python)
Jan 2021 - Feb 2021
A Python programme that can be used to calculate the efficient frontier with given stocks with 100+ starts on GitHub.