Sen Lin

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Education

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

Sichuan Normal University   Sep 2015 - Jun 2019
Bachelor of Bachelor of Management

Work Experience

ChaiKnows
Tech&Financial Scriptwriter   May 2020 - Jul 2022
- Script writing for videos in technology and finance
- Using Python to create a visualisation programme for a video of Alibaba, which has received 100+ GitHub starts
- Using CoreML to create an iOS demo app for a video of Huawei Cloud

Monad Ventures (Chuxin Capital)
Branding & Tech Assistant   Apr 2019 - May 2020
- Managing and updating website content with WordPress
- Assist with research and due diligence on projects in the technology sector. Ex. ShadowBot

Projects

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

Stock (UIKit)
Jul 2022 - Oct 2022

A stock app that can display stock data and show market news

- MVVM Architecture
- UserDefaults for storing and managing the user's favourite stock
- DispatchGroup to manage API calls for fetching financial data from finnhub.io and DispatchWorkItem to optimise the user search actions
- Third party library Charts to show market price chart and FloatingPanel to display the news panel

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 Clone (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

Instagram Clone (Swift UI)
Sep 2021 - Jan 2022
A social media app for sharing images with friends

- MVVM Architecture
- Firebase Authentication for registering users
- Firestore Database for posts data and Storage for storing posts and profile images

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

Skills

Languages: Swift, Python, JavaScript
Technologies: UIKit, SwiftUI, Node.js, React.js, React Native, Tensorflow