

# Sen Lin

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## Education

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Goldsmiths, University of London  
**Bachelor of Computer Science**

Sep 2019 - Jun 2023 (Expect)

Sichuan Normal University  
**Bachelor of Bachelor of Management**

Sep 2015 - Jun 2019

## Work Experience

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### 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 a robust and user-friendly platform for business operations

### Tech&Financial Scriptwriter

Chaiknows

May 2020 - Jul 2022

- Wrote scripts for videos in the technology and finance sectors, showcasing the latest advancements and trends.
- Collaborated with clients to produce videos for their tech&financial services, including Baidu Paddle Quantum, Huawei Cloud, Alibaba's Ant Group, among others.
- Created a visualization program using Python for a video on Alibaba's financial service, which received over 100 GitHub stars.

## Personal Projects

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

### VJournal (SwiftUI)

Jan 2023 - Now

- MVVM Architecture
- Using CoreData with planned deployment to CloudKit to ensure secure storage and management of user's journal data.
- Implemented integration of SwiftUI and UIKit.

### 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.

## Skills

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Languages:	Swift, Python, JavaScript, HTML, CSS
Frameworks:	UIKit, SwiftUI, Node.js, React.js, Flutter, Tensorflow
Database:	MongoDB, Firestore, CoreData, MySQL