

# Chao Li

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## Summary

Seeking a software engineer position. Solid software engineer with strong programming, analytical and mathematical skills. Has a wide range of internship and project experience, including iOS, full-stack web application development with C#, Java and Python.

## Education

### University of California San Diego, CA, USA

Sept 2019 - Dec 2020

M.Sc in Computer Science and Engineering | Current GPA: 3.5/4.0

### Nanjing Agricultural University, Jiangsu, China

Sept 2015 - Jun 2019

B.Eng in Mechanical Engineering | Cumulative GPA:3.87/4.0

## Skills

**Languages:** Java, Python, JavaScript, CSS, HTML, C#, Solidity, Swift, C/C++, shell

**Tools/Frameworks:** Django, Node.js, Flask, Express, Docker, Bootstrap, React.js, Redux.js, Git, Keras, PyTorch

**Database:** MySQL, MongoDB, PostgreSQL, Firestore

## Work Experience

### RezScore, (remote)

Jul 2020 - Sept 2020

#### *Software Engineering Intern*

- Redesigned the website wireframes with **Figma** and **Bootstrap4**, improved user experience proved by A/B testing
- Working with ex-Google product manager to refine the UX workflow and improved the service paid rate by **50%**
- Build the application dashboard page to track job application status and achieve **90%** positive user feedback

### ViaStelle, Shanghai

Jun 2019 - Aug 2019

#### *Software Engineering Intern*

- Designed and developed a pioneering full-stack **distributed** e-commerce web application runs on **ethereum** for better security and maintainability (<https://nirvana1024.github.io/ethershops/>)
- Collaborated and guided team members to use **Bootstrap4** to develop website front-end that allows sellers and buyers to search, purchase and manage goods
- Created smart contracts in **Solidity** that handle the transaction information to distributed nodes in ethereum
- Tested and deployed the website on Ropsten network in **Remix** and served **500+** customers

### Shenzhen Institutes of Advanced Technology, Shenzhen

Feb 2018 - Mar 2018

#### *Machine Learning Intern*

- Created Asian face dataset from crawled online images with **beautifulsoup** and **selenium**
- Utilized **Keras** and OpenCV to build CNN model to achieve real-time Asian face identification with **80%** accuracy
- Developed a web dashboard application based on MVC for model training result visualization in **Flask**

## Selected Projects

### Maya AR iOS App, SanDiego

Apr 2020 - Jun 2020

- Build an interactive AR app in **Unity** and **Xcode** with **C#** that allow users to experience Maya archaeology
- Designed UI elements with **Sketch** and developed a user-friendly UX that allows users to choose different adventure sites, place the AR portal, control the view movement, etc **30+** features
- Launched the app to the App Store and gained **50+** downloads
- (<https://apps.apple.com/us/app/maya-ar/id1515428322>)

### InternConn, SanDiego

Apr 2020 - Jun 2020

- Established a web platform with other graduates that help students impacted by COVID-19 to find summer interns
- Developed front-end in **Bootstrap** and **Express.js** with webpages navigation and position application functions
- Build login page with **MongoDB** as database that allows users to post side projects and find potential teammates
- Gained **600+** users and **50+** companies connections after the website (**internconn.com**) launched