

Zanyuan Yang

1405 Maxwell Way, San Jose, CA 95131 | (510) 996-2042

jayingyoung@gmail.com | <https://github.com/ZanyuanYang> | [Profolio](#)

EDUCATION

Northeastern University

M.S. in Computer Science

San Jose, CA

09/2021 - current

University of California, San Diego

B.S. in Computer Science

La Jolla, CA

09/2019 - 06/2021

Ohlone College

Computer Science

Fremont, CA

09/2016 - 06/2019

PROJECT

Online Seafood shop on WeChat (Entrepreneurship Project)

Spring 2021 - Current

- Led team of 5 as **Project Manager** to build a **full stack** WeChat mini app for selling seafood.
- Designed and developed CRUD operation with **RESTful API** using the **Spring Boot** and deployed in the Tencent Cloud.
- Implement user authentication using **Spring Security** with JPA authentication to ensure users' data security.
- Utilizing **MySQL** to manage the data on the backend system.
- Utilizing **FreeMarker** to achieve database access and streamed static HTML file back to the front-end.
- Create website and application interfaces using **HTML5, CCS3, JavaScript, Bootstrap**.

Android Tutor App [GITHUB]

Spring 2020

- Worked in team of 11 on building an **Android** application by offering an access to tutoring resources.
- Implement notification feature using **Okhttp3** and **Firebase Cloud Messaging service**.
- Implement real-time database and user Authentication using **Google Firebase** to ensure users' data security.
- Utilizing **multi-threading** to process network requests to ensure that web services do not block the main thread and improve the interface fluency.

Content Management System [GITHUB]

Fall 2019

- Build a web application for individual company to manage data.
- Designed and developed internal order management system using **PHP** and **MySQL** and deployed in the GoDaddy servers.
- Utilizing **Bcrypt** for hashing passwords to ensure users' data security.

Analysis on Covid-19 [GITHUB]

Spring 2019

- Analysis on the decision that the Government decided to lock down Hubei province in China to prevent covid-19.
- Utilizing the method of **Web Crawler** to obtain Wuhan outward migration rate date.
- Do **data cleaning, data visualization, regression analysis** and **forecast** for the dataset we obtain.

SKILLS

Languages: Java, C++, Python, HTML5, CSS3, JavaScript, PHP

Technologies: MySQL, Google Firebase, React.js, Git