

# Zanyuan Yang

[jayingyoung@gmail.com](mailto:jayingyoung@gmail.com) | (510) 996-2042 | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## EDUCATION

**Northeastern University**

*M.S. in Computer Science*

**Class of 2023**

*GPA: 3.85/4.0*

**University of California, San Diego**

*B.S. in Computer Science*

**Class of 2021**

*GPA: 3.6/4.0*

## SKILLS

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

**Technologies/Tools:** AWS, React.js, Spring Boot, Docker, Git, MySQL, Google Firebase, Linux, REST, Maven, FreeMarker, Android Development, Web Development

## WORK EXPERIENCE

**JoyfulFish E-Commerce**

Spring 2021 – Current

*Founding Software Engineer*

- Led team of 5 to build a Web Application for selling groceries, and achieved a profit of **\$5000** per year
- Boosted user engagement rate by more than 30% by delivering features such as Customizable Storefront for supplier, Inventory Management, CRM, and integration with 3rd party parcel tracking APIs for Merchants
- Designed and developed CRUD operation with **RESTful API** using **Spring Boot** and deployed in **AWS**
- Achieved privacy compliance by implementing user auth using **Spring Security** and JPA authentication
- Ensured data referential integrity by utilizing **MySQL** to manage strong relational data on the backend system
- Significantly increased developer efficiency by using **JPA** to simplify database access and using **FreeMarker** to stream static data back to the front-end
- Created website and application interfaces using **HTML5, CCS3, JavaScript, and Bootstrap**

## PROJECT

**Github Viewer** [[GITHUB](#)][[WEBSITE](#)]

Spring 2022

- Built a **React.js** Social Network Application on top of GitHub for the developer community
- Increased site-wide user engagement by 30% through designing “follow” feature to boost social interactions and providing monetization opportunities to Open-Source Project Contributors and Influencers
- Boosted creator onboarding by 20% through building and releasing real-time data analytics and rich visualization features for demonstrating expertise such as projects and programming languages
- Reduced site-wide onboarding flow by 40% and optimized developer experience by implementing auth in **Auth0**
- Achieved simplified workflow and high performance by deploying the application in **Netlify**

**Tutoring Android App** [[GITHUB](#)]

Spring 2020

- Worked in team of 11 on building a Tutoring Marketplace Application on **Android**
- Implemented notification feature using **Okhttp3** and **Firebase Cloud Messaging service**
- Implemented real-time database and user Authentication using **Google Firebase** to ensure user data security
- Applied Responsive Web Design Architecture by utilizing **multi-threading** to process network requests to ensure that web services do not block the main thread and improve the interface fluency

**Supply Chain Management System** [[GITHUB](#)]

Fall 2019

- Built a web application for enterprise to easily manage both external order and internal inventory
- Designed and developed internal order management system using **PHP** and **MySQL**
- Significantly reduced hash collision rates due to scaling and ensured user data security by utilizing **Bcrypt**
- Achieved strong uptime rates and fast loading speed through deploying in the **GoDaddy** Web Hosting