

Jia-Yi, Jian

Email: jjjian2@gmail.com

Mobile: (217) 979-6492

LinkedIn: <https://www.linkedin.com/in/jiayi-jian>

Github: <https://github.com/jjjian2>

Website: <https://jjjian2.github.io>

Address: San Francisco Bay Area, CA

Skills: Javascript, HTML/CSS, React, Node.js, Express.js, REST API, PostgreSQL, MySQL, MongoDB, Git, Java, JIRA, Figma

Selected Projects

AppetAlzing: A recipe management system featuring AI-powered recipe generation and robust CRUD functionalities

- Utilized **Express** and **Node.js** to create **RESTful APIs** facilitating for seamless frontend-backend communication
- Consumed a **3rd party AI API** to summarize recipes from users' provide URL and enable users to edit further details
- Applied **React.js**, **React Router**, **Custom Hook**, class **Components** to create a clear user interface
- Designed database schema for a relational DBMS, e.g., **PostgreSQL**
- Leveraged object storage such as **AWS S3** to persist image files

ManageYourDay: A to-do list application

- Used **React** and **Express.js** to implement end to end CRUD functionalities
- Thoroughly **Unit tested** its code for ensure high quality (using jest)
- Implemented **user authentication** and **authorization** to establish the legitimacy of user credentials and access

Buy It for Life: An E-commerce Website

- Designed with a **responsive** and intuitive user interface to ensure a engaging user experience **across various devices**
- Leveraged technologies such as **HTML5**, **CSS3**, **Bootstrap**, and **React** to efficiently manage client-side interactions
- Incorporated **RESTful APIs** for executing data creation, retrieval, updating, and deletion from the **MongoDB** database

Professional Experience

Software Developer 09-2021 - 04-2022 (Volunteer)

Beshon Software Inc., San Jose, CA, USA

- Constructed a social platform, employing skills such as developing RESTful APIs with **Java Spring Boot**

Software Developer 08-2020 - 06-2021 (Part-time)

University of Illinois at Urbana Champaign Virtual Reality Lab, Champaign, IL, USA

- Developed immersive VR games with other developers, utilizing **GitLab**, branch management, and code reviews
- Collaborated with **UI/UX** specialists to create user-friendly games featuring seamless gameplay and interactivity
- Devised **algorithms** in **C#** to implement new features or update existing ones for VR games effectively

Business Analyst 02-2018 - 06-2019 (Full-time)

Digital Forest Technologies, Taipei, Taiwan

- **Managed projects** that revamped a new B2B ticketing system, accommodating 200+ engineers and 100+ clients
- Developed **Tableau** business intelligence reports to help engineers track the resolution time of their issue tickets
- Assisted the development team in SQL Server migration with **SQL query** writing and execution for **data validation**
- Collaborated with cross-functional teams to resolve system errors, leading to a 50% increase in user satisfaction

Marketing Assistant 06-2016 - 07-2017 (Internship)

Microsoft, Taipei, Taiwan

- Teamed up with different teams to execute 15+ marketing campaigns, achieving a 30% YoY increase in sales value

Education

Udemy, online 05-2022 - 01-2023

The Complete 2023 Web Development Bootcamp

University of Illinois at Urbana Champaign Champaign, IL, USA 08-2019 - 05-2021

Master of Science in Information Management GPA: 3.83/4.00

Fu Jen Catholic University, Taipei Taiwan 08-2013 - 06-2017

Bachelor of Business Administration of Finance and International Business