Yujia Wang

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EDUCATION

University of Maryland, College Park   M.S. in Information Science (GPA 3.9/4.0)   2023.08-2025.05
- Relevant Coursework: Programming for the Information Professional; Database Design; Operation System

Fudan University, Shanghai, China   M.A. in Computational Linguistics   2018.09-2021.06
- Relevant Coursework: Data Structure and Algorithms; Introduction to Natural Language Processing

Zhejiang University, Hangzhou, China   B.A. in Linguistics (GPA 3.9/4.0 ranks 3rd)   2014.09-2018.06
- Relevant Coursework: Fundamentals of Computer Science; Java Programming; Advanced Mathematics

TECHNICAL SKILLS

- **Language and Framework:** Java | Python | R | JavaScript | HTML | CSS | Vue | React | Spring Boot
- **Database Management:** SQL | MySQL | MongoDB
- **Tools:** VSCode | Eclipse | GitHub | AWS | Docker | Sublime | LaTex | Figma | Jira | Linux | Tableau | Office Suite

PROFESSIONAL EXPERIENCE

Goldenbell Sporting Goods Co., ltd   *Software Engineer Intern*   2023.10-2024.01
- Designed and engineered a web application using **Spring Boot** and **Vue.js** in an **Agile** environment, focusing on dynamic UI for financial management and employing **OOD&OOP** concepts for feature development
- Designed and engineered a robust relational database with **MySQL** to manage and store 200+ goods, utilizing **SQL** to manage and query client and product data within the database
- Implemented **RESTful APIs** for seamless data exchange between front-end and back-end systems to deliver dynamic functionalities such as filter, search and rate & review capabilities
- Conducted integration testing, debugging and optimization in collaboration with senior developers, using **GIT** for version control, **Maven** for building the modules and **Jira** for project management
- Utilized **AWS** services for deploying and managing applications, gaining practical knowledge in cloud computing

Abbott Ltd.   *Marketing Assistant*   2019.10-2020.03
- Participated in the front-end development of social media campaigns using **HTML**, **CSS** and **JavaScript**
- Managed the Order Database and conducted data analysis for two quarters independently using **SQL** and **Python**
- Compiled a detailed *Official Intern Manual* to enhance the operational efficiency and productivity of interns

Bosch Investment Ltd.   *Front-End Developer Intern*   2019.06-2019.10
- Assisted in the design of dynamic and browser-compatible pages for branding campaigns such as the *Annual Sustainability Report* using **HTML5**, **CSS3**, **jQuery**, and **JavaScript**
- Collaborated with managers, UI/UX designers and other developers to enhance functionality and user experience

PROJECTS

Container-based Surveillance System   2023Spring
- Deployed **Raspberry Pi** and **Tinkerboard** operating systems in multiple environment and tested system stability
- Created basic image in **Linux system** and compared feasibility in different containers
- Created image of **OpenCV3.3**+ based on **Docker** that allows users to easily download from cloud platform
- Implemented image and tested performance with an example of video input

Computer AI Vision application   2022Fall
- Created a **Spring Boot** project to develop a deep learning model for object recognition and tracking
- Enabled **Vision API**, created a interactive service class, and built **REST API** to expose the **Vision API** functions
- Integrated dynamic content into HTML pages with **Thymeleaf** and deployed the Spring Boot app with **Cloud Run**

Path Finder Visualizer   2022Spring
- Built a web app to visualize path-finding algorithms like **BFS**, **DFS**, **Dijkstra's** and **A* algorithm** in **React**
- Implemented algorithms, animation logic, and **CSS** styling for grid, walls, and nodes in a web component