

Yuanze(Evan) Zheng

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Education

Master of Computer Science, **University of Illinois Urbana-Champaign**

Jan. 2024 - May. 2025 (Expected)

B.S. in Computer Science, **Fudan University**

Sept. 2019 - Sept. 2023

Work Experience

Schneider Electric | [www.se.com](#)

Aug. 2023 - Now

IA China Hub, Software Engineer Intern

Pudong, Shanghai

- Spearheaded the development of an IoT platform for Cloud-to-Edge collaboration, utilizing **Spring Boot** and **Kafka**.
- Simulated a highly available compute cluster using **Kubernetes** on 20 ARM compute units and a central server.
- Developing modules that interact with the **K8s API** for communication with **KubeEdge** Cloud Core to enable edge resource management, monitoring, and alerting, utilized **MQTT** protocol.
- Engineering visible resource management modules with **AngularJS**, creating edge node control modules with **gRPC**.

Meituan | [www.meituan.com](#)

Jun. 2022 - Sept. 2022

CRM Team, Software Engineer Intern

Changning, Shanghai

- Developed and maintained Meituan's CRM system Apollo, which has over **10,000** users. Applied **Spring Boot** and **MySQL**.
- Designed a **JSON**-based mark rule and implemented a module in **Java** to parse the formatted online configurations for customized content presentation logic.
- Reduced redundant calls to downstream modules by **25.5%** and improved the performance of the sales tools module by **17%**.
- Finished **5** requirement leveraging the **CI/CD** pipeline. Enhanced unit test writing skills and grayscale release experience.

Fudan IICS Lab | [iics.fudan.edu.cn](#)

Sept. 2021 - Jun. 2023

Independent scientific researcher with school funding

Yangpu, Shanghai

- Proposed a multi-agent system model with adversarial leaders to simulate the election problem on **KONECT** datasets.
- Designed an 40% faster topology selection algorithm in **Julia**, based on linear system solver and random walk simulation.
- Achieved opinion maximize analysis on networks with more than 100,000 nodes. Utilized **Matplotlib** for data visualization.

Projects

ODAP System

Apr. 2023 - Jun. 2023

An online data annotation platform.

Instructor: Prof. Yangfan Zhou, FDU

- Developed an intuitive online data annotation platform using **ReactJS** and **Spring Boot**.
- Empowered users to manually tag data for diverse applications, including text tagging, audio tagging and object recognition.
- Utilized **Spring Security** in registration, login, and user identity management modules.
- Implemented 30+ **RESTful** API including modules of multiple dataset uploading, dataset previewing and management, and labeling progress tracking.
- Used **Hibernate** to interact with **MySQL** database, cached data with **Redis**, provided an reliable work platform.

Car Advisor System

Jun. 2022 - Jul. 2022

An hybrid expert system for car shopping guide.

Instructor: Prof. Hui Wei, FDU

- Implemented core recommendation algorithm powered by fuzzy inference and certainty factors with **Python**, front-end implemented with **PyQt5**.
- Programmed **Web crawler** with Python to get 500+ real-time open source car data from a Bytedance App.
- As an AI course project, achieved **93%** of satisfaction among tested users; rated top **10%** out of 212 students by professor.

Handwriting Arithmetic Calculator

Oct. 2021 - Dec. 2021

Microsoft AI-SPACE Group Project. Held by MSRA, 2021.

Instructor: Yanjie Gao, MSRA

- Trained a **CNN** model on handwriting number and operator datasets, achieved an identification accuracy of **98.5%**.
- Built the app with **C#** and **Python tkinter**. Provided withdrawal, stroke split, and real-time feedback functions, won excellent project completion certification from MSRA.

Technical Skills

- **Programming Languages:** Java, Python, SQL, Go, C/C++, JavaScript, Swift/SwiftUI, HTML/CSS.
- **Framework:** Spring Boot, Django, ReactJS, AngularJS, Redis, Node.js.
- **Tools:** MySQL, Linux, Docker, Git, Kubernetes, CI/CD, gRPC, Thrift.