Yueyuan Huang

yyhuang21@m.fudan.edu.cn NekoYellow

Education

09/2021 – 06/2026 **B.Eng., Fudan University** in Software Engineering.
Used to major in material science; Core courses: *C++* A, *Operating Systems* A, *Computer Vision* A, *Software Engineering* A, *Game Theory* A, etc.

08/2023 – 01/2024 **Semester Exchange, Uppsala University (Sweden)**.
Courses: *Algorithms and Data Structures I/II* A, *Database* A, *Computer Architecture* A.

Self Learning.
A line of courses including the *CS61*'s, *CS126, CSW186, 6.S081, CS3110*, etc.

Experiences

06/2023 – 12/2023 **Research Assistant in LLM Evaluation,** Fudan University.
Leveraged OpenAI API to generate prompts and evaluate available Large Language Models' performance on detecting privacy-concerned entities as well as de-indentification ability.

06/2023 – 08/2023 **Data Development Internship,** Ant Group (Alipay).
Went through a data analysis project to explore effective promoting strategy aiming to improve user activeness. Built a pipeline to produce structured tables out of massive data logs. Implemented utility functions in Python for data processing.

01/2023 – 04/2023 **Research Assistant in Computer Vision,** Fudan University.
The research field was Few-Shot Learning in Computer Vision. Collaborated with members to add a mutual-attention mechanism into the original model as well as to do experiments for evaluation.

01/2022 – 02/2022 **Software Development Internship,** Hailong Corporation.
Worked on a attendance tracking system. Learned to develop under the Spring framework.

Projects

11/2024 – 12/2024 **Document Tampering Detection,** Final Project of Computer Vision Course.
Developed a method to detect forgery in document images for the Tianchi Contest `https://tianchi.aliyun.com/competition/entrance/532223`, which is capable of capturing subtle traits with help of features extracted by delicately designed heads, fused with scSE modules. Extensive experiments were performed on our method and the final F1 score 94.27 was among the top 3 of the leaderboard.

10/2024 – 11/2024 **Extended XV6 Kernel**.
Developed a few features and optimizations based on the open-source xv6 os kernel, including user authorization mechanism, environment variables and priority-based scheduling algorithms, among others.

Projects (continued)

03/2024 – 06/2024 **Web Scraping Pipeline**.
Developed an automatic pipeline to collect articles published on think tank websites around globe via web scraping. Took snapshots of web pages. Extracted text contents as well as pdfs contained and stored them in a database, which serves as a backup.

05/2023 – 07/2023 **Rookie DB,** Project of CS186@Berkeley.
Developed support for B+ tree indices, efficient join algorithms, query optimization, multi-granularity locking to support concurrent execution of transactions, and database recovery on a bare-bones database implementation.

Skills

Languages Mandarin Chinese, English (TOEFL 106)

Coding C++, Python, Java, SQL, Julia, etc.

Miscellaneous

- University Scholarship
- CCPC Bronze Medal
- GRE 157+170+3.5