

Yueyuan Huang

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🐱 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 – 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 Machine Learning, 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 based on the open-source xv6 os kernel, including user authorization mechanism and support for environment variables, among others, as well as associated system calls & user programs. Tests to validate their functionality were also implemented.
- 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.

Projects (continued)

05/2023 – 07/2023

📖 **Rookie DB**, Project of CS186@Berkeley.

A compact db implementation in Java. Developed B+ tree, query optimization, Locking and Concurrency, etc. Gained much understanding to the underlying architecture of a database.

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