

YUJING JU

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🎓 EDUCATION

Ocean University of China (OUC), Qingdao, China 2021 – Present

Undergraduate student in Computer Science and technology (CS), expected June 2025

Cumulative GPA 3.4/4.0

Heriot-Watt University (HWU), Edinburgh, United Kingdom 2021 – Present

Undergraduate student in Robotics, expected June 2025

Cumulative GPA 3.8/4.0

👥 EXPERIENCE

Data Mining Project June. 2023 – Present

Group Recommendation with Hypergraph Neural Network Individual

Brief introduction: A recommendation model related research project.

- The hypergraph results are innovatively introduced for strict temporary group recommendation, which achieves better results in both commodity recommendation and user recommendation tasks.
- The new model improves the recommendation accuracy of the best existing model MGBR by about 5%.

Click to visit

Robotics Projects Feb. 2024 – May. 2024

C, Python, Jetson nano, Arduino uno, 24-channel steering control board Robot Project

Brief introduction:

- YOLO-based object recognition and grasping.
- Insect capture achieved by hexapod robots. **Click to visit**

Programming Language: Python, C, C++, Java, HTML, CSS, Javascript Software Skill: Matlab, MySQL Technical Skill: Markdown, Latex Data Science Skill: Pytorch, Numpy, Pandas, Scipy, Tensorflow

⚙️ SKILLS

- Programming Languages: Python, C, C++, Java, HTML, CSS, Javascript
- Software Skill: Matlab, MySQL
- Technical Skill: Markdown, Latex
- Data Science Skill: Pytorch, Numpy, Pandas, Scipy, Tensorflow, Matplotlib
- Embedded Development skill: STM32, Raspberry Pi, Arduino

♥️ HONORS AND AWARDS

School Scholarship 2022

University-Level Outstanding Youth Volunteers 2022

📄 MISCELLANEOUS

- Languages: English - Fluent, Mandarin - Native speaker
- TOEFL score: 80 (L:20 R:20 S:19 W:21)
- GRE score: 146(Verbal) + 170(Quantitative)
- Website: <https://juyujing.github.io>
- GitHub: <https://github.com/juyujing>