

# YUJING JU

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## 🎓 EDUCATION

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**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

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**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**

## ⚙️ SKILLS

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- 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

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School Scholarship 2022

University-Level Outstanding Youth Volunteers 2022

## 📄 MISCELLANEOUS

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- 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>