

Yuqin Hong

 Github |  h3art.yq@gmail.com

EDUCATION

- Sept 2021 - Jun 2025 Bachelor of Engineering at **Jinan University (211 Project)**
Major: Computer Science and Technology (**English Medium Instruction**)
GPA: 4.08/5.0 or 90.8/100, RANK: 1/32, CET-4: 587, CET-6: 518
- Sept 2025 - Jun 2028 Master of Engineering at **Jinan University (211 Project)**
Major: Artificial Intelligence

COMPETITIONS AND AWARDS

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|---|-----------|
| Outstanding Backbone Student of Jinan University Scholarship | Oct 2022 |
| Provincial Third Prize in National Student Contest on Software Testing | Nov 2022 |
| University-level Third Place in Information Mining Competition | Sept 2023 |
| Provincial Second Prize in Shenzhen Cup Mathematical Modeling Challenge | Oct 2023 |
| China National Scholarship (Top 0.2%) | Dec 2023 |
| Provincial Second Prize in Contemporary Undergraduate Mathematical Contest in Modeling | Jan 2024 |
| Successful participants in Mathematical/Interdisciplinary Contest in Modeling | May 2024 |
| Provincial First Prize in LanQiao Cup Contest Software Group | May 2024 |
| National Third Prize in LanQiao Cup Contest Software Group | June 2024 |

PUBLICATIONS

Yuxia Sun, Siyi Pan, Yang Yang, Ziyang Huo, **Yuqin Hong**. (Aug. 2024). “Lift: Discriminant classification approach of malware family on time consistent open set.” In: *Advanced Intelligent Computing Technology and Applications*, pp. 37–49, Springer Nature Singapore (ICIC 24, CCF-C).

RESEARCH AND PROJECTS EXPERIENCE

- Crawling and aggregation of heterogeneous news information** Apr 2023 - Jun 2023
Jinan University Information Mining Competition Project, Team leader and Developer
- **Description:** Crawl domestic and foreign news websites, design a universal program to extract and aggregate key news into structured data.
 - **Contribution:** Use Python libraries to crawl news, extract effective fields from HTML, and present reports.
- Projects on Malware Attribution and Classification** Aug 2023 - Jul 2024
Jinan University, Yuxia Sun's research group, Research Intern and Backend Developer
- **Description:** Conduct malware attribution and classification research on APT malware by constructing robust models with adversarial training and on WebAssembly malware by extending the framework to classify Wasm malware and deploying it as a browser plug-in.
 - **Contribution:** Implement loss functions, conduct experiments, visualize results for APT malware, and collect datasets, develop plug-in backends

SKILLS

- **Python** (Advanced), commonly used libraries: pytorch, numpy, matplotlib, flask, requests, selenium
- **Other Programming Language** (sort by proficiency): C (Skillful), Java, C++ (Basic), Shell, Rust
- **LaTeX**, used for academic writing, resume and slide making
- **Markdown**, used for notes, readme, development documents
- **Other Development Tools**: Linux, Git, Visio (graph making), VS Code and JetBrains' IDE

STUDENT AFFAIRS

Student Representative of the International School Student Congress (Publicity Group)	2021 - 2023
Deputy Head of the International School Student Congress	2023 - 2024
Freshman Teaching Assistant of Class 2022, International School	2022 - 2023
Python Teaching Assistant for the Class 2022 Academic Start-up Project	2022 - 2023
Algorithm Teaching Assistant for the Class 2023 Academic Start-up Project	2023 - 2024
Member of Secretary Department, Sunshine & Love Volunteer Team	2023 - 2024