

Yuqin Hong

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EDUCATION

Sept 2021 - Jul 2025	Bachelor of Engineering at Jinan University (211 Project) 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
Representative courses	Advanced Mathematics (97/100), Discrete Mathematics (96/100), Probability Statistic (94/100), Problem Solving and Programming (98/100), Computer Organization (93/100), Computer Networks (90/100)

COMPETITIONS AND AWARDS

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

(**Published**) Yuxia Sun, Siyi Pan, Yang Yang, Ziying 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	
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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