Minyuan Zhu
Curriculum Vitae
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EDUCATION

Bachelor of Science in Computer Science and Mathematics
2022-2024
University of Massachusetts, Amherst
Manning College of Information and Computer Sciences&&College of Natural Sciences

Bachelor of Science in Computer Science,Economics and Mathematics
2024–now
University of Wisconsin-Madison
College of Letters and Science

CAREER AND RESEARCH OBJECTIVES

Highly self-motivated and passionate undergraduate student pursuing a Bachelor of Science in Computer Science, Economics, and Mathematics at the University of Wisconsin-Madison. Eager to secure a summer research internship or undergraduate research assistant to apply my skills in programming and data analysis in various fields of computer science, including security, artificial intelligence, machine learning, and natural language processing. Particularly interested in Generative Artificial Intelligence especially (Multimodal) Large Language Models, trustworthy machine learning, and privacy. I am also interested in computational social science and applying computer science skills to economics, political science, and sociology. I can start my internship right now remotely and in-person during the summer, I am also willing to self-funded.

RELEVANT SKILLS

C, Java, TypeScript, Python, familiar with Linux, Github and assembly language.

RELEVANT COURSES

Calculus, linear algebra, discrete mathematics, data structure, computer system principle, security, statistics, algorithm design

PROJECTS

An unofficial literature review of MIST and GLAZE
My first literature review of MIST and GLAZE, two techniques to protect copyright images.
https://github.com/JackZzZ233/An-unofficial-literature-review-of-MIST-and-GLAZE
Using reverse engineering to determine the source of the given picture
This is my first "true" academic project, I am working with PhD candidate Zhenting Wang and Prof.Shiqing Ma. This project is based on the paper Where Did I Come From? Origin Attribution of AI-Generated Images. We are still working on that, so I can not put the repository link here. If you want more information, you can talk to me through Zoom/email.

LANGUAGES

Chinese(Native)
English(Proficient)
Japanese(Learning)

AWARDS AND HONORS

UW Madison Dean's List
2024
UMass Amherst Chancellor's, Director's and Dean's Scholarships and Awards
2022-2024
St.Mary's Online Academy Outstanding Graduates
2021
St.Mary's Online Academy Scholarship

2020-2021

St.Mary's Online Academy school AP CSA competition champion

2021

St.Mary's Online Academy school AP CALCAB competition champion

2021

St.Mary's Online Academy school AP Macroeconomics competition champion

2021

Zhongyubeila Scholarship

2018-2020

Taicang Senior High School of Jiangsu Province Outstanding Graduates

2020

CEMC Cayley Mathematics Contests top25%

2018