

Xinyu Yang

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EDUCATION

University of Maryland, College Park, MD

Bachelor of Computer Science

Anticipated: May 2026

- *Cumulative GPA:* 3.812
- *Honors:* Dean's List Recognition December 2022 - Present, Computer Science Honors August 2023 - Present
- *Relevant UMD Coursework:* Computer Science Honors Seminar, Web Application Development with JavaScript, Organization of Programming Languages, Algorithms, Introduction to Parallel Computing

PROJECTS

Discord Bot

- An online Discord bot named "Russian Roulette Bot" developed with Java and Discord API that allows Discord users to play a game called Russian Roulette with it
- Claimed the "Active Developer" badge with the bot on Discord Used in multiple servers for people to play the game and is still being used today

EXPERIENCE

CMSC335 Teaching Assistant, *University of Maryland, College Park, MD*

August 2024 - Present

- Conducted regular office hours, offering support to more than 20 students each week with debugging their projects and addressing questions about web application development course material
- Engaged in the assessment and grading of students' webpage projects and exams, leveraging a variety of skills such as HTML/CSS, JavaScript, Node.js, and additional tools, by manually testing them against established criteria to ensure accurate evaluation

Social Science Quarterly Assistant, *Institute for China's Democratic Transition*

December 2023 - January 2024

- Utilized Python scripts to automate the retrieval of emails for a social science quarterly
- Successfully retrieved over 10,000 emails within two weeks, organizing them into an Excel spreadsheet for the quarterly's future use in sending out information

Headstarter Fellow, *Headstarter*

July 2024 - September 2024

- Collaborated with a team of four through GitHub to develop weekly web projects, utilizing skills including Next.js, Firebase, and OpenAI.
- Participated in weekly hackathons, enhancing problem-solving skills and teamwork.

SKILLS

Proficient in: Java, C, Python, JavaScript, HTML/CSS, LaTeX

Experienced with: GML, OCaml, Rust

Databases: Firebase, MongoDB, SQL

Languages: Native Speaker of Mandarin, Fluent in English