

Fanglin Xu

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Summary

Highly motivated and versatile student with a strong background in environmental advocacy, community outreach, and technical skills in web design and data science. Proven ability to lead projects, communicate effectively, and collaborate within diverse teams. Passionate about leveraging technical expertise to drive impactful initiatives in dynamic environments.

Education

Queens High School for the Sciences at York College Specialized Science High School | 06/2024

Cumulative Average GPA: 3.7 . Relevant Coursework: AP Pre-Calc, AP Biology, AP Lang, AP Statistics | Longtime member in school Art Club, Sports Teams (Varsity Tennis, Badmington, Bowling), and Debate club

CUNY York | CUNY Queens | Excelsior High Extracurricular Classes

Took "College Now" courses in Python, Web Development, Game development with Godot, and Pyschology

Experience

24/7 Teach Intern | 03/2025 - Present

Developed interactive web pages for the 24/7 Naomi AI tutor using Tailwind CSS, Next.js, and JavaScript. Designed user interfaces linked to backend APIs for educational mini-games that reinforce learning through streak tracking and responsive memory systems. Applied prompt engineering techniques to optimize AI-user interactions

Youthbridge Fellowship 08/2024 - Present

Selected for a competitive two-year fellowship focused on advocacy for underserved communities in healthcare disparity, criminal justice reform, and food justice | Engaged in workshops and built partnerships with professionals and organizations throughout NYC | Organized and participated in charity and donation events, promoting community welfare.

CLARIFY News Fall Internship 08/2024 - 10/2024

Selected for a competitive, paid internship contributing to local news coverage. Investigated fire incident data via NYC OpenData and conducted on street interviews to support an in-depth news story.

University of Michigan Research Intern | 06/2024 - 09/2024

Conducted research on machine learning and neural networks under undergraduate mentor. Co-authored a literature review comparing methodologies and findings from pre-existing academic studies

Youth Enviromental Advocate | 11/2023 - 06/2024

Completed 90+ hours of specialized training in urban ecology and marine biology, enhancing skills in networking, teamwork, communication, public speaking, and data analysis | Led the Youth Conservation Summit 2024, researching and presenting a year-long study on environmental issues to over 200 attendees.

Developed interactive DIY stations to engage visitors, improving their experience and satisfaction | Presented findings at the United Nations' World Ocean Day and participated in Youth Ambassador Day at Albany, advocating for increased funding for NYC Zoos.

Skills

Teamwork, Digital Art, Fluency in English, Spanish, Mandarin and Korean, Data Science, Web Development, Python, Godot

Projects

Feel free to check out my programming and art portfolio with my website! (<https://fanglin0.github.io/Portfolio-Hosting/>)

Volunteer

AAPI Community Action Network (AYCAN) | current- skill building workshops and community projects towards advocacy for Asian American youth.

Commonpoint Queens Volunteer | Summer, 2023- assisted in community outreach events with food bank and charity movement for refugee youth.

Margaret Tietz Nursing Home and Rehabilitation Center | Summer, 2024 - provided companionship to edlerly residents and coordinating visits with patient's families.

Queens Public Library Volunteer- Fluency in Dewey Decimal System, hosted weekly enrichment for youth in arts and craft and programming.

AYLUS Queens Volunteer | Monthly greenifying projects (planting trees, painting benches around Queens' parks), charity of books and cards for the sick.