ANNA XIAO

annaxiao2024@u.northwestern.edu | (516) 670-2724 | linkedin.com/in/anna-xiao

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EDUCATION

Northwestern University | Evanston, Illinois   **Expected Graduation: June 2024**

Bachelor Degree: Computer Science major | Data Science minor

Relevant Courses: Data Structures and Algorithms, Computer Systems, Introduction to Artificial Intelligence, Networking, Human Computer Interaction, Generative Methods, Data Management & Information Processing, Data Visualization

PROFESSIONAL & LEADERSHIP EXPERIENCE

Olympus | Evanston, Illinois

Software Engineer Intern   **June 2023 - August 2023**
- Implemented a redesign and integrated new wireframes from Figma to enhance the user interface experience
- Developed production-ready React Native JS code for an early-stage startup app, with a user base over 200 people
- Prioritized the timely release of project deliverables by actively engaging in sprints within an agile framework
- Utilized TestFlight to rapidly identify and resolve issues, and push patches to the beta testing community

Northwestern University TIDAL & TIILT Lab | Evanston, Illinois

Computer Science Instructional Assistant   **November 2022 - June 2023**
- Worked as an instructional assistant for Evanston's District 65 classrooms
- Supervised 20 fifth-grade students to accelerate their understanding of computer science concepts and their self-expression through Tunepad, an online platform for creating music with Python code

Northwestern University Dean of Students | Evanston, Illinois

Family Ambassador   **April 2022 - June 2023**
- Coordinated Parent and Family Orientation by providing family check-in, giving campus tours, guiding families to various events around campus, and helping with other initiatives that arise throughout the program
- Initiated orientation assistance for families on campus by answering questions and helping to meet their needs

Northwestern University Department of Computer Science | Evanston, Illinois

Teaching Assistant   **March 2022 - June 2023**
- Peer mentored for CS 110 (a 100+ student course focused on programming fundamentals in Python) and for CS 217 (an 80+ student SQL course centered on data management and information processing)
- Managed weekly lab sessions and office hours to help students better understand Python and SQL concepts
- Answered students' questions and assisted with grading assignments

PROJECT EXPERIENCE

Generative Methods Portfolio   **September 2022 - December 2022**
- Developed engaging animations, interactive art, and data visualizations utilizing the Javascript P5 library
- Implemented Artificial Intelligence (AI) and Machine Learning (ML) techniques to design a chatbot and used hand tracking to train a program for a mini-game

Pacman Game   **November 2021**
- Programmed the Pacman game from scratch using C++ and the ge:211 graphics library
- Implemented game using abstraction & test-driven performance and enabled gameplay from user input

Spotify music recommendation application   **November 2020**
- Extracted data from the Spotify database using APIs to programmed a song recommendation application for users based on selected artists and genres with the functionality to email the recommendations

SKILLS & ACTIVITIES

Technical Skills: Python, Javascript, React Native, Tailwind CSS, Testflight, Figma, SQL, C, C++, HTML/CSS

Language Skills: Proficient in Mandarin | Experience with Spanish

Organizations: Women in Computing, Chinese Student Association, Asian American Intervarsity, China Care