

Xinyu Chen

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Experience

Headstarter AI, Software Engineering Fellow

July 2024 - Present

- Engaged in a software engineering fellowship, working on 5 AI projects and participating in 5 hackathons, with dedicated professional feedback and interview preparation.
- Partnering with a startup to address their backlog and deliver a final project that meets business goals and showcases effective project management.
- Utilizing tech stacks including Python, TensorFlow, AWS, JavaScript, React, SQL, Docker, and Git across various projects, while enhancing technical skills through AI coaching and peer feedback.

Publicis Sapient, Product Management Intern

June 2023 - August 2023

- Conducted comprehensive market research, competitor analysis, and customer feedback gathering to identify emerging market trends, gain valuable insights, and drive the successful advancement of a new product within a fiercely competitive market.
- Managed and facilitated key agile ceremonies, such as daily stand-ups, sprint planning, backlog grooming, and retrospective meetings, to uphold a streamlined and efficient development workflow.
- Utilized Canva, Jira, Confluence, and Mural effectively to enhance the management of stories, epics, sprints, and prototyping, ensuring smooth and efficient project execution.

FinTech Focus, Software Engineering Fellow

July 2020 - July 2020

- Engaged actively in workshops conducted by financial institutions such as Bank of America, Goldman Sachs, JPMorgan Chase, Morgan Stanley, and Wells Fargo, acquiring a solid foundational understanding in various aspects of economics, stocks, risk management, banking, and the dynamic FinTech sector.
- Developed full-stack web applications utilizing the Flask web framework, MongoDB for database management, and employing Python, HTML, and CSS for robust functionality, dynamic content, and appealing user interfaces.
- Developed and iterated upon prototypes and Minimum Viable Products (MVPs) for 160+ hours, which culminated in presentations of a final web application.

Extracurriculars and Certifications

CompTIA Security+ (In Progress)

Expected: August 2024

Mastercard Cybersecurity Virtual Experience Program

February 2024

- Participated in the open access Mastercard Virtual Experience Program with Forage.
- Tasks completed include:
 - Enhanced understanding of phishing threats and email spoofing techniques through refining simulated phishing emails for authenticity, incorporating Mastercard's preventive measures.
 - Identified and addressed organizational vulnerabilities through targeted training programs, crafting concise presentations to elevate security awareness within relevant departments.

Projects

Personal Finance App

June 2023 - August 2023

- Designed and managed the development of "Piggy", a mobile app catering to users seeking effective expense tracking and savings goal management.
- Directed the implementation of advanced security measures, including user authentication and data encryption, while leveraging Vertex AI to deploy a AI chatbot for personalized financial insights.

Social Media App

August 2022 - December 2022

- Led the development of "Chatty," a social media app, optimizing browsing efficiency with familiar features.
- Implemented advanced search capabilities and interactive user engagement features fortified by robust cybersecurity measures, including a secure "Liked" feature utilizing Firebase for persistent data storage.

Education

Fordham University

May 2024

- Bachelor of Science in Computer Science, Minor in Cybersecurity

New York University

May 2026

- Master's in Cybersecurity

Skills

Programming Languages: C++, HTML/CSS, Python, SQL

Databases: MongoDB, Firebase

Other Technical Skills: Microsoft Word, Excel, Powerpoint, Canva, Confluence, Jira, Figma

Languages: Chinese(Mandarin), English