

Xinyue Su

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WEducation

Stony Brook University, Stony Brook, NY

Expected Graduation: May 2026

- BS. Computer Science & Applied Math and Statistics, Honors College, GPA: 3.93

Cornell University

- Machine Learning Foundations Certificate, Break Through Tech AI

Relevant Courses: Procedural and object-oriented programming (Java), Data Structures and Programming Abstraction, Computer System, Computer Networks, Software Development, Human-Computer Interaction, Probability and Statistics, Finite Mathematics Structures, Numerical Analysis

Program Skill

- Java (proficient), Python (proficient), HTML(basic), CSS(basic), Javascript(basic), C++(basic), MySQL(basic), Git(basic), Sklearn(basic), NumPy(basic), Pandas(basic), Seaborn(basic)

Leadership Experience

Student Researcher, EyeCanDo, Stony Brook, NY

Feb 2025 - Present

- Conducted research on AI-driven assistive technologies for motor disability individuals
- Developed and tested computer vision models for real-time object recognition and accessibility features
- Collaborated with a multidisciplinary team to refine algorithms and enhance user accessibility

AI Studio Fellow, JP Morgan Chase

Aug 2024 - Dec 2024

- Worked closely with a JPMC project mentor and 4 teammates on building Scoutup - an AI recommendation system user interface/chatbot that evaluates the outcome of startup companies using public investments dataset, such as Crunchbase 2013
- Achieved a 93% accuracy using pair-wise model

AI/ML Research Fellow, Break Through Tech AI

May 2024 - Present

- Selected from 3000+ applicants for Break Through Tech AI, a year-long fellowship program designed to support women and other underrepresented people in AI, ML, and Data Science
- Contributed towards 12-month long program including Machine Learning Certificate with Cornell faculty, experiential learning experiences, and mentorship from industry professionals
- Collaborated with leading companies to solve real-world problems by applying ML/AI
- Worked closely with professionals provided by the program for career development

Research and Teaching Assistant, EliteLink, New York, NY

July 2023 - July 2024

- Assisted in preparing and organizing digital teaching materials for online live-stream courses of over 10k+ viewers
- Presented research result as a guest speaker at Rider University and Beijing Normal University
- Conducted research on trends and applications of AI technology in the education field

Projects

Machine Learning Model on NY Airbnb Pricing Prediction

July 2024

- Performed feature engineering, model selection, and NLP on a 60000+ dataset of NY Airbnb
- Correctly predicted the Airbnb price based on user rating and naming convention within 90%
- Attained proficiency in analyzing large data set using python, numPy, and Sklearn

Manage

July 2024

- Built a responsive website based using CSS, Sass, HTML, and javascript
- Attained proficiency in front-end development

Certificate

Meta Back-End Developer Professional Certificate, Remote

October 2023