

JING (CHRISTINA) JIANG

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EDUCATION

New York University, Tandon School of Engineering, New York, NY
Bachelor of Science, Computer Science; Data Science (Minor)
Overall GPA: 3.92

May 2027

EXPERIENCE

Research Program, Feasibility of Solar-powered Devices Underwater Surrounding NYC, Jun.– Aug.2024

- Programming calculation of solar cell efficiency by python on Spyder
- Testing the absorbance of water samples collected using UV-VIS spectrophotometer
- Analyzing data and forming a graph to discuss the feasibility

Research Program, Water Pollution, Water and Wastewater Treatment systems, Online Jul.– Oct.2022

- Learned integrated process of calculations from UCLA professor Jiann-Wen Ju
- Examined contaminants in different water systems
- Design an anaerobic pond and facultative pond for Galapagos Islands with group members

Competition, Computational and Algorithmic Thinking, Online

May. 2022

- Focused on the skills behind computer programming and algorithm design
- Built on advanced logic and programming skills through practicing questions

LEADERSHIP & ACTIVITIES

Member, Flexible AI-enabled Mechatronic Systems Lab

Jan. 2025 – present

- Researching and learning theoretical knowledge to create novel solutions for industry problems
- Develop interactive robotic systems for industrial and educational applications

Founder, Environment Club

Sept. 2020 – Jun. 2023

- Managed weekly schedule and led meetings
- Recorded meetings and sent summary to group members
- Organized environmental awareness contests at school

SKILLS

- **Technical:** Python, Microsoft Excel, Word, PowerPoint, Revit, AutoCAD
- **Communication:** Fluent in Mandarin and English, with experience in presenting research and leading meetings
- **Data Analysis:** Expertise in data visualization, data collection, and scientific reporting