

Jessica Lau

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Education

Baruch College, Mathematics BA, Computer Science Minor, GPA 3.97

Jan 2023 - Exp May 2025

- Dean's List, NYCHA-CUNY Scholarship
- Member of Baruch's Math and Computer Science Club

Pennsylvania State University, Mathematical Sciences BS, GPA 3.94

Aug 2020 - May 2022

- Dean's List, Honor Student, Honors Scholarship, Bunton Waller Scholarship, Abby Sutherland Trustee Scholarship, Commonwealth Campus Discover Penn State Award
- Board Member of the Engineering Club, Dancer and Choreographer in Fall and Spring Concerts

Experience

Data Intern, Morgan Stanley

Aug 2024 - Present

- Troubleshooted data retrieval and analytic issues in finance

Data Science Fellow, CUNY Tech Prep

Jun 2024 - Present

- Worked on data analytic projects and participated in CTP's 2024 Hackathon of 100+ participants with a team of 4 fellows

Web Developer, Data Annotations

Apr 2024 - Present

- Compared AI models and responses to prompts by labeling and categorizing data to help improve AI algorithms
- Read, wrote, and evaluated code in Python

Linear Algebra in Combinatorics Seminar, Baruch College

Jun 2024 - Aug 2024

- Researched different applications of linear algebra and combinatorics, including the Fibonacci formula, error-correcting codes, odd distances, matrix multiplication, and tiling a rectangle by squares, in a team of students and presented in an invite-only seminar

Project Manager, NASA

Jan 2024 - May 2024

- Led an interdisciplinary team of 14 students to develop a mission to investigate water and ice on Mars to determine habitability and developed the first 2 phases of the mission, as well as presented a high-level overview of our PDR to a NASA review panel
- Oversaw the operational and administrative functions of the team: team management, task distribution, communication, meetings, and scheduling, liaison between team and NASA faculty

Head Counselor, STEAM Champs

Jun 2023 - Aug 2023

- Created and taught coding, robotics, front-end web development, drones, art & music history, touch typing, entrepreneurship, and 3D printing curriculum to children ages 5-12 in one-on-one settings and class sizes up to 20
- Oversaw and managed a team of 15 counselors during the summer camp: scheduling, task distribution, team management

Scheduling and Outreach Officer, NASA

Jan 2022 - May 2022

- Conducted and presented a team proposal and research to members in a NASA review panel as well as being on a review panel for other proposals, mainly in charge of scheduling and budgeting for the team's proposal

Peer Tutor, Pennsylvania State University

Jan 2022 - May 2022

- Tutored 25+ Penn State students in mathematics and sciences.

Skills

Tools: Python, C++, SQL, Office Suite, Google Suite, Gantt Charts, DocAssist, MedicsPremier, Canva, Adobe Express

Languages: Fluent in English, Proficient in Mandarin and Cantonese, Elementary in Japanese

Skills: Responsible, reliable, organized, team management, team player, time management, quick learner

Awards: Ruby Engineer Award, QuestBridge College Prep Scholar, AP Scholar Award

Hobbies & Interests

Ballet/dance, black belt in Karate, gold medalist in dragon boat racing, basketball, journaling, video editing