Alyssa Choi

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EDUCATION

Stony Brook University   **Aug 2022 - May 2026**
B.S. Computer Science   Stony Brook, NY
- Activities: Pilates Instructor, Research Assistant, Women in Sports Tech Fellow, IBM Accelerate

WORK EXPERIENCE

Stats Perform   **Jul 2024 - Aug 2024**
Software Engineer Intern   New York, NY
- Built a tennis chatbot with SQL, OpenAI, and semantic search techniques to answer questions and provide analysis on players and matches via AI-generated SQL queries (patent pending)
- Created a shopping tool to suggest relevant player rackets and outfits using web scraping
- Implemented a trivia quiz with React, TypeScript, Vite (frontend), and Flask (backend)

Citigroup   **Oct 2021 - Jul 2022**
Data Science Intern   New York, NY
- Achieved $400,000+ annual savings by analyzing corporate device inventory for North America
- Designed an app that streamlines existing asset management processes through automation

LEADERSHIP EXPERIENCE

Women in Computer Science   **Dec 2022 - Present**
President   Stony Brook, NY
- Managed a $20,000 budget to ensure optimal and secure transactions for 30+ annual events
- Spearheaded financial planning for HopperHacks 2024 with record-breaking 400 attendees

Break Through Tech AI @ Cornell Tech   **May 2023 - Apr 2024**
AI Fellow   New York, NY
- Selected as one of 260 for an 12-month program in data science and machine learning
- Built a financial chatbot using Hugging Face LLMs and Streamlit for partner company JPMorgan

Scholar Studio   **May 2020 - Aug 2022**
Founder & President   New York, NY
- Featured on CBS for founding a free summer tutoring program for 300+ middle school students
- Created website, outreached to press, and organized initiatives such as free prep books

SKILLS
- **Technologies:** JavaScript, HTML/CSS, Python, Java, C, Git, SQL, MongoDB, React, Linux

AWARDS
- **GE Aerospace Immersion:** One of 10 selected for fully-funded Poland trip to meet the President
- **D. E. Shaw Fellow:** One of 50 selected for fully-funded trip to D. E. Shaw HQ and $1,500 stipend
- **Bloomberg Women in Data Forum:** One of 50 selected for fully-funded trip to Bloomberg's HQ