

Aryan Jain

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EDUCATION

Binghamton University, Thomas J. Watson College of Engineering and Applied Science

Bachelor's of Science in Computer Science | Bachelor's of Arts in Mathematics

Overall GPA: 3.4/4.0

Expected May 2026

RELEVANT EXPERIENCE

HackBU Hackathon 2024

Vestal, NY

Participant

February 2024

- Spent 24 hours of focused programming with team to create Foodi, a web app that utilizes a React.js front end, Node.js backend, and machine learning model trained from scratch to help people track macronutrients in their food
- Amongst undergrad, graduate, and PHD students our undergrad team took the 2nd Best Hack prize and enriching new experiences from the event¹

Inductive Health

Atlanta, GA

Software Developer Intern

May 2023 - August 2023

- Led cross-functional teams in healthcare informatics, developing scalable server-side applications for seamless integration with front-end systems.
- Ensured data integrity, performance, and security in application databases, conducting comprehensive testing for system reliability.
- Implemented automated build and deployment processes, collaborating with DevOps for reliable software releases and seamless front-end integration.
- Pioneered continuous improvement by actively engaging in the complete software development lifecycle, contributing to code reviews, staying abreast of emerging technologies, and fostering a collaborative and innovative team culture.

Binghamton Research Immersion Honors Program: Image and Acoustic Signals Analysis Stream

Vestal, NY

Researcher

August 2022 - December 2023

- Spent 10+ hours each week asking question and programming increasingly difficult and relevant Computer Visual and Machine Learning projects using Python
- Directed meetings with 5 peers to work on a professionally researched project about AI Housing Bias and Facial Recognition Bias
- Produced AI model to counteract bias in the housing market and in facial recognition technology²

JPMorgan Software Engineering Virtual Experience Program on Forage

Virtual

Virtual Experience Participant

August 2023

- Used Perspective data visualization software, Python, and Typescript to monitor stock market price trends and create stock trading strategies

Institute of Creative Problem Solving

Old Westbury, NY

Researcher

September 2015 - June 2021

- Created a math research paper working under Dr. Robert Gerver and received a gold medal placement in Long Island's largest math research competition³
- Developed logical thinking and research skills at SUNY Old Westbury under renowned mathematicians from around the country

LEADERSHIP ACTIVITIES

Asian Student Union

Binghamton University

Marketing Chair

May 2023 - Present

- Planned, managed, and publicized the largest social and cultural events for the Asian American sector of the school
- Created and spearheaded a discussion event discussing Asian Diaspora, facilitating a discussion with 30 participants, fostering an open and engaging environment for diverse discussion

Delta Epsilon Psi Inc. (Social and Service Fraternity)

Binghamton University

Vice President, Social Chair, Fundraising Chair, Service Chair

November 2022 - Present

- Organized various large scale fundraising events such as Binghamton's Holi under sponsors like Krispy Kreme and Monster Energy to donate to charities like the Juvenile Diabetes Research Foundation
- Worked with the rest of the executive board and brothers to plan and execute various private or open social events and develop vital relationships with other campus organizations

SKILLS

Languages: English (Native), Hindi (Spoken), Spanish (Elementary)

Programming: Python, JavaScript, Java, C++, C, HTML/CSS, LaTeX, GDB, x86 Assembly, TypeScript

Relevant Coursework: Operating Systems, Data Structures and Algorithms, Computer Architecture, Functions of Complex Variables, Number Systems, Multivariable Calculus, Linear Algebra

PROJECT LINKS

- (1) [Foodi](#) (2) [Project Portfolio Website](#) (3) [Al Kalfus Long Island Math Fair Gold Medal Paper](#)