JUSTIN LIU

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EDUCATION

Binghamton University, SUNY | Thomas J. Watson College of Engineering and Applied Science   **Binghamton, NY**
Bachelor of Science in Computer Science   *Expected May 2025*
Achievements: Watson College Dean's List for Fall 2021, ACM Final Programming Competition - Top Freshman/Sophomore

Stuyvesant High School   **New York, NY**
High School Diploma   *June 2021*
SAT 1530/1600
Achievements: AP Scholar with Honor, Poetry Award, 2021 CCNY NYC High School Poetry Contest - Honorable Mention

TECHNICAL SKILLS

Languages: Java, Python, Processing, HTML, CSS, JavaScript, NodeJS, ExpressJS, UML, C, Spanish, Cantonese
Software & OS: Git, Firebase, Stripe, CLI, Logisim, Atom, OS 12, Linux, Roblox Studio, Paint.net, NetLogo
Additional: Data structures, algorithms, OOP
Coursework: AP Computer Science A (Data structures & algorithms), Programming hardware & fundamentals, Calculus 2, Programming with Objects and Data Structures

PROJECT EXPERIENCE

Web Developer   **February 2022 - Present**
- Created portfolio website on GitHub pages
- Utilized HTML, CSS, and JavaScript to develop creative UI, using JavaScript to automate code

Java Developer | Brooklyn, NY   **May 2021 - June 2021**
- Led development of a video game modeled on Bloons Tower Defense
- Utilized Processing (a Java-based program) to create complex code with a visually appealing output
- Oversaw front-end components in addition to developing back-end
- Applied Git and UML diagrams to coordinate with team

Web Developer | New York, NY   **May 2019 - June 2019**
- Developed a website that allows user to create and play custom Jeopardy games
- Designed clean UI using HTML and CSS, developing front-end skills
- Collaborated with team to create a unique ID system for each game created, allowing users to play pre-made games

PROFESSIONAL EXPERIENCE

Patch The Producer LLC, Software Developer Intern | Remote   **May 2022 - June 2022**
- Collaborated with front-end and full-stack developers as a back-end developer to develop company website
- Worked in a fast-paced environment learning NodeJS from scratch
- Built and tested payment webpage utilizing Firebase, and Stripe
- Innovated company business model to solve potential financial problems by suggesting percentage charge per sale as opposed to flat fee

Macy's - Starbucks, Barista | Brooklyn, NY   **June 2022 - Present**
- Made and served drinks and food for hundreds of customers daily
- Communicated with customers to take orders, memorizing dozens of drink codes
- Maintained cleanliness and food supplies to support teammates' needs
- Collaborated with team in a fluid, mobile, fast-paced environment

EXTRACURRICULAR ACTIVITIES

Binghamton University Harpur Chorale, Tenor | Binghamton, NY   **September 2021 - Present**
- Sing Tenor 2 part in a choir, developing pitch, collaboration, and music sight-reading skills
- Perform in concerts for school with large audiences

Student Volunteer Center, Volunteer | Binghamton, NY   **September 2021 - Present**
- Made peanut butter and jelly sandwiches for Salvation Army
- Helped set up Breast Cancer Awareness Walk
- Crafted cards/letters for elderly people in nursing homes