

Fahim Hussain

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<https://fahimh.com>

SKILLS

- Python, Java, and Javascript/Typescript
- SQL databases using cloud platforms such as AWS, Supabase, and PlanetScale

EXPERIENCE

We Care Act NYC — *Head of IT*

SEPTEMBER 2022 - PRESENT

- Building digital infrastructure to efficiently handle the processing of over 236 laptop/computer donations to underserved students across NYC
- Directing development of company [website](#) using modern web technologies and SEO techniques
- Built digital storefront to raise funds sustainably through Stripe and PostgreSQL

AtomHacks — *President*

NOV 2020 - JUNE 2024

- Organizing annual hackathons at Bronx Science by leading a team to create promotional materials and establish an online presence
- Directing creation of [event website](#) from scratch every year
- Negotiating and securing sponsorships with acclaimed tech companies every year
- Provided programming assistance to students over the course of each hackathon

Steel City Codes — *Instructor & Curriculum Manager*

SEPTEMBER 2022 - JUNE 2024

- Tutoring small cohorts of middle schoolers on fundamentals of programming with Python and Java.
- Helping to create and update lesson plans for 600+ students nationwide to utilize.

EDUCATION

The Bronx High School of Science — *GPA: 4.0*

SEPTEMBER 2020 - JUNE 2024

Notable Courses: AP Biology (5), AP Physics 1 (5), AP US History (4), AP English Language and Composition, AP Calculus BC (5), AP US Government and Politics (5), AP Physics C: Mechanics and E&M (4), AP Statistics (5)

New York University Tandon School of Engineering — *Computer Science*

INCOMING CLASS OF 2028

PROJECTS

Bloomie — *Capstone for BeaverWorks Summer Institute at MIT*

JULY 2023 - AUGUST 2023

- Built artificial flower to teach children how to care for a plant using sensor data and custom software
- Utilized and studied microelectronics and their applications under the instruction of Dr. Beijia Zhang from Lincoln Laboratory