

Sohum Gupta

sohum_gupta@alumni.brown.edu • (630) 397-1796 • [LinkedIn](#)

WORK EXPERIENCE

Peace Corps Ghana

Jun. 2022 – Sep. 2024

Education Volunteer

Oti Region, Ghana

- Designed engaging lesson plans and taught mathematics and computing to 110+ junior high school students.
- Co-organized and co-facilitated a weekly literacy club to engage 60+ students through interactive activities.
- Planned and implemented events focused on menstrual hygiene awareness and access for adolescent students.
- Coordinated and supported the development of a school farm, including teaching students effective agricultural practices and preparing produce to be sold as a source of school funds.
- Secured and managed a \$13,000 grant, coordinating with community members, educational administration, and Peace Corps staff to produce and maintain detailed records of project progress.
- Planned and presented several events and trainings for staff workshops, youth programs, and volunteer trainings, ensuring comprehension and engagement among diverse audiences of teachers and students.
- Developed language skills in Twi and ASL.

Amazon

May 2021 – Aug. 2021

Software Dev Engineer Intern

Sunnyvale, CA

- Collaborated with multiple teams to streamline internal processes, and identified and delivered quality-of-life improvements to enhance accessibility to applications for employees and third-party vendors.
- Authored detailed guides and documentation for in-house tools and libraries, ensuring understanding of complex processes for both technical and non-technical stakeholders.

ACTIVITIES

TEDxBrownU

Sep. 2020 – May 2022

Tech & Web Design Lead

Providence, RI

- Developed and maintained a website with event information, branding, and a seamless ticketing process.
- Worked with a small executive board and a team of 25+ members to oversee ticketing, coordinate logistics, and produce promotional materials for three conferences with 20+ speakers and 650+ attendees.

Brown University, Computer Science Department

May 2019 – May 2021

Head Teaching Assistant, Functional Programming and Data Structures

Providence, RI

- Wrote, reviewed, and refined the course curriculum and necessary educational materials, including lecture notes and project guidelines, for clarity, completeness, and accuracy, to support student learning.
- Held weekly office hours and labs to guide 200+ students in course content and offer help with assignments.
- Worked with a professor and four head teaching assistants to plan schedules and allocate responsibilities.
- Supervised 20+ teaching assistants, coordinating weekly meetings and overseeing delivery of course content.

EDUCATION

Brown University

May 2022

Bachelor of Arts, History of Art and Architecture

Providence, RI

Bachelor of Science, Computer Science

- **GPA: 4.0/4.0; Magna Cum Laude**

SKILLS

- **Programming:** Experience in web development, especially using Javascript, React.js, HTML, and CSS.
- **Computer Literacy:** Proficient in Microsoft Suite, Google Suite, Adobe Creative Suite, and Slack.
- **Language:** Fluent in English; proficient in Hindi and Twi; conversant in ASL and Mandarin Chinese.

INTERESTS

- Cooking and Food Writing
- Language Learning
- Photography