

EDUCATION

Columbia University

NEW YORK, NY

B.S. Computer Science Candidate, Political Science Minor (Expected graduation May 2023)

- C.P. Davis Engineering Scholar | Dean's List: Fall '20, Spring '21, Fall '21
- Specialization in Intelligent Systems
- Extracurricular Activities: RISE Consulting (pro-bono consulting for minority owned businesses, Technical Manager), Columbia Sur (acapella, Captain), Columbia Sewa (service, Public Relations Chair), Society for Women Engineers

SKILLS

- Coding Languages: Python, Java, C, HTML/CSS, JavaScript, D3, PHP
- Design Tools: Adobe Illustrator, Figma, MapBox, Observable, Tableau
- Languages: Spanish, Hindi, Punjabi, Urdu (professional working proficiency)

TECHNICAL PROJECTS

Computer-Enabled Abilities Lab, Columbia University *Project Manager, Feb 2023- May 2023*

NEW YORK, NY

- Designed interactive website with client and end-user needs in mind and lead team of 6 to execute by strict deadline
- Created mock-ups in Figma to conduct user testing and iteratively design towards final deliverable

Salleb-Aouissi Lab *Full Stack Engineer, May 2021 – Jan 2022*

NEW YORK, NY

- Developed a Python and HTML app using AI to provide 250+ math students per semester immediate feedback on practice problems
- Created documentation for 4000+ lines of legacy code and our team's additions for future ease of use

Columbia Internet Real Time Lab *Student Researcher, Jan 2021 – May 2021*

NEW YORK, NY

- Analyzed network patterns of IoT devices to create a privacy grading deliverable for Consumer Reports
- Tracked geospatial data, data volume, and encryption level of the user data being shared by IoT devices with Python

Stay Subway Safe *Co-Founder, June 2020 – Aug 2020*

NEW YORK, NY

- Collaborated with 5 teammates to become a finalist in the Columbia University Design Challenge
- Designed Python algorithm to calculate crowd levels on individual subway platforms and visualize clearly on mobile

WORK AND LEADERSHIP EXPERIENCE

Columbia Daily Spectator *Deputy Graphics Editor, Feb 2022 – Jan 2023*

NEW YORK, NY

- Pitched stories, analyze data, and create visuals in collaboration with University News and City news teams
- Lead team of 9 data journalists in assigning stories, holding training sessions, and keeping strict deadlines

G.O.A.T. Brand Labs *Data and Technology Intern, June 2022 – Aug 2022*

BENGALURU, INDIA

- Built tech stack from scratch for a multimillion-dollar investment startup with a user-centric approach
- Developed interactive data visualizations and analysis tools to drive the M&A team's decision-making

Columbia University Computer Science Department *Teaching Assistant, Sept 2020 – Sept 2022*

NEW YORK, NY

- TA for Data Structures and Algorithms in Java, Introduction to Java, Discrete Math
- Organized office hours, held review sessions, wrote assignments, and graded for classes of 350+ students

SurbhiLately Product Management Fellowship *Student Fellow, April 2022 – May 2022*

REMOTE

- Selected to join cohort of < 30 students nationwide for 6 week intensive on product management led by a Microsoft Teams Product Manager
- Developed skills in writing Product Requirements Documents, adjusting leadership style, and establishing quantitative metrics of success

Columbia Sur A Capella *Captain, Jan 2021 – Present*

NEW YORK, NY

- Lead board of 5 members in organizing practices, paid performances, and managing funds
- Directed team of 18 members in learning, arranging, and performing music including a performance at the UN

Columbia Sewa *Public Relations Chair, Aug 2020 – Aug 2021*

NEW YORK, NY

- Forged relationships with national and campus organizations, lead fundraisers raising \$22,000+ in one year
- Designed viral graphics with 1000+ interactions and more than doubled follower count in first 2 months in this role