

LILY SAM

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EDUCATION

Columbia University in the City of New York

August 2019 - May 2023

BA Computer Science

Relevant Coursework: Intro to Python, Intro to Computer Science and Programming in Java, Data Structures in Java

- **Honors:** John W. Kluge Scholar – awarded to top 5% Columbia University Incoming Freshmen, Selected for Emerging Scholars Program (January, 2021), Dean's List (Fall 2020)

ACTIVITIES

Columbia University

New York

Global Recruitment Committee (GRC) – Office of Undergraduate Admissions

November 2019 - Present

- Assisting with student admissions interviews and improvement of the recruitment program.
- Organizing webinars and weekly tours for prospective international applicants.

Columbia University

New York

Emerging Scholars Program (ESP)

January 2021 – Present

- Working in groups to analyze and generate design and algorithmic solutions to products and problems.
- Discussing of real-world applications and potential social consequences of CS fields like Cryptography, ML, Computer Vision.

Developers in Vogue (DiV)

Accra, Ghana

Teaching Assistant

July 2018 – Present

- Teaching and providing coding guidance for 15-20 women in Ghanaian colleges.
- Learned the basics of software development in HTML, CSS, JavaScript and UI/UX design.
- Participated in Figma X GitHub Hackathon 2018 where I collaborated with my team to create new designs for a library app and website using Figma tools, Adobe XD, Illustrator, and Photoshop.

Columbia University

New York

Jumpstarting Aspiring Developers and Entrepreneurs (JADE)

November 2019 – January 2020

- Selective tech immersion program for freshmen to explore their interests in technology.
- Met with venture capitalists, product managers, software engineers of top companies.
- Took classes to polish skills in web development – HTML, CSS and JavaScript.

EXPERIENCE

Education USA Center

Accra, Ghana

Intern

January 2017 – August 2019

- Worked with Education USA facilitators to interact with prospective college students.
- Organized logistics for the running of College Admissions information sessions.

Plan International, Ghana

Winneba, Ghana

Peer Mentor

October 2016 – June 2018

- STEM advocate and mentor for 100 high school girls in the Central Region.
- Maximized their leaving exam performance especially in Math and Science through mentorship.

Archbishop Porter Girls Robotics Club

Takoradi, Ghana

Head of technical team

May 2015 – May 2017

- Finalist – Robotics Inspired Science Education (RiSE) competition.
- Coached 6 high school juniors to represent Ghana in the 2017 FIRST Global Challenge, USA.

ADDITIONAL SKILLS

Computer Skills/Languages: Java, Python, HTML, CSS, JavaScript, Git, Adobe Animate

Soft Skills: Teamwork, Problem-solving, Communication, Self-management, Adaptability