

SUN AROCH
New York, NY, 10013
+1 (917) 678-4576
arochsun@gmail.com

EDUCATION

Barnard College at Columbia University

Bachelor of the Arts, 3.65 GPA | Major: Computer Science

Dean's List Spring 2021, Fall 2022, Fall 2023

Relevant Coursework Completed: Interactive Sound and Video, User Interface Design, Creative Embedded Systems, Computational Sound

New York, NY

September 2020 - May 2024

Goldsmiths University

Semester Abroad | Major: Computer Science

Relevant Coursework Completed: Sound and Signal

London, United Kingdom

January 2023 - May 2023

TECHNICAL SKILLS

Design & Video Tools: Photoshop, Illustrator, Capture One, TouchDesigner, Unreal Engine, Max MSP

Programming & Web Technologies: HTML/CSS/JavaScript, React, Python

Sound Editing: Logic Pro X, Ableton Live

Languages: Spanish (Intermediate)

TECHNICAL AND SOFTWARE EXPERIENCE

Analog Dream

Software Engineer Intern

Berlin, Germany

June 2023 - August 2023

- Developed and managed software and interactive interfaces to facilitate the development of immersive art installations, incorporating elements of graphic design and creative storytelling.
- Collaborated with cross-functional teams including sound engineers, electrical engineers, and artists to deliver multiple successful installations across Berlin.

Artworld - Anna Palma

Digital Technician

New York, NY

June 2020 - June 2023

- Provided end-to-end digital production support for commercial photo shoots, focusing on image quality, layout design, and file management.
- Designed and optimized digital media assets used in marketing materials and client presentations, ensuring alignment with brand identity.

LEADERSHIP EXPERIENCE

Ambassador

Mercer Labs

New York, NY

May 2024 - Present

- Spearheads guest engagement strategies which ensure that every guest experiences the museum's message through tailored sensory experiences.
- Coordinates efforts to enhance visitor understanding and appreciation of the technology-driven exhibits, fostering a more inclusive environment.

SHAPE @ Columbia University

Summer Student Leader

New York, NY

June 2022 - August 2022

- Communicated with a cohort of other student leaders and led ~40 high school students in STEM-focused subjects such as electrical engineering and advanced computer science.
- Held regular meetings with both students and professors, with the intention of monitoring students' progress, and bettering the SHAPE environment.