SUN AROCH
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EDUCATION

Barnard College at Columbia University   New York, NY
Bachelor of the Arts, 3.65 GPA │Major: Computer Science   September 2020 - May 2024
Dean's List Spring 2021, Fall 2022, Fall 2023
  Relevant Coursework Completed: User Interface Design, Creative Embedded Systems
  Campus Involvement: Girls Who Code Columbia, Planned Parenthood Club
Goldsmiths University   London, United Kingdom
Semester Abroad│Major: Computer Science   January 2023 - May 2023
  Relevant Coursework Completed: Sound and Signal

TECHNICAL SKILLS

Programming Languages: Java, C/C++, Python, HTML/CSS/JavaScript, React
Software Proficiencies: Logic Pro X, Max MSP, Ableton Live, Capture One, Photoshop, Sonic Pi, Linux Operating Systems
Additional Languages: Spanish (Intermediate)

TECHNICAL AND SOFTWARE EXPERIENCE

Analog Dream   Berlin, Germany
Software Engineer Intern   June 2023 - July 2023
- Developed and managed software and interactive interfaces to facilitate the development of immersive art installations, with a focus on themes of queer life, community, and connection. (Python, C++)
- Collaborated and led projects daily with fellow young artists, sound engineers, electrical engineers, and software engineers on several installations across Berlin.

Artworld - Anna Palma   New York, NY
Digital Technician   June 2020 - June 2023
- Provided digital assistance for commercial photographer Anna Palma throughout photoshoots, as well as contributing to both pre and post-production processes.
- Led the computer setup, and managed digital images: naming and organizing files for the photographer and her clients.

LEADERSHIP EXPERIENCE

Artists Reaching Out @ Columbia University   New York, NY
Early Childhood Arts Educator   September 2022 - December 2022
- Developed and implemented interactive art lesson plans tailored for first-grade students, fostering a passion for creative expression and cultural appreciation.
- Adapted teaching methods and materials to meet the diverse learning needs of students, ensuring an accessible and enriching art education experience for all.

SHAPE @ Columbia University   New York, NY
Summer Student Leader   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.