

Mila Lin Tabach

milatabach@gmail.com | +1 3473020047 | <https://milatabach.github.io/portfolio/>

EDUCATION

Barnard College, Columbia University | New York, NY

B.A. in Computer Science and Film and Media Studies | GPA: 3.97

- Relevant Courses: Coding for Media Studies, Immersive AI Production, Databases, Advanced Programming, Artificial Intelligence, User Interface Design, AI and Storytelling, Creative Embedded Systems, Media Theory

COMPUTER SCIENCE & DATA ANALYSIS

Design Tools Lab | Research Assistant | New York, NY

May 2025 - Present

- Conceptualized and prototyped a digital tool for collecting, organizing, and analyzing journaling artifacts, enabling research on personal reflection and creative expression in computational environments.

Barnard College – Computer Science Help Room | Head Tutor | New York, NY

Aug 2024 - Present

- Delivered individual and group tutoring in core computer science subjects
- Leveraged tutor logs and performance data to generate actionable insights on student needs, optimizing tutoring strategies and resource allocation

Cohen & Steers | Technology Summer Associate | New York, NY

Jun 2025 - Aug 2025

- Developed and deployed an automated email notification system integrated with SQL Server databases on Azure Cloud, improving workflow efficiency and ensuring reliable communication across teams
- Partnered with Project Management and Investment teams to evaluate delivery processes, aligning technology initiatives with business priorities, and enhancing strategic execution
- Led a cross-departmental capstone project addressing a firm-wide challenge: conducted market research, structured problem-solving, and prototyped a chatbot for Wealth and Institutional Sales; presented recommendations directly to the Executive Committee

Women Make Movies | Website Intern | New York, NY

Jan 2025 - Jul 2025

- Redesigned and updated web pages on wmm.com, adding new content while applying accessibility and UX design principles to enhance usability, content organization, and overall user experience

Ernst & Young | Summer Intern in Technology Consulting | Sao Paulo, SP

May 2023 - Sep 2023

- Pre-processed and cleaned databases using Python and SQL to run simulations to predict productivity for a company to assess its operational goals
- Translated transportation data into actionable insights using Power BI dashboards, enabling client stakeholders to make informed infrastructure and operational decisions
- Partnered with cross-functional teams to establish AI ethics guidelines, enhancing responsible AI usage and fostering company-wide compliance awareness

Columbia Libraries – Acquisitions Department | Technical Assistant | New York, NY

Aug 2022 - Feb 2024

- Processed all books purchased by the Milstein Library (700+), including assigning funds and applying labels
- Created a program to optimize transport records by cross-referencing data from suppliers and arrival dates

ART & ENTERTAINMENT

Columbia University Student Theater | Director | New York, NY

Aug 2022 - Pres

- Director for comedy sketch for Latenite Spring and Fall 2025
- Assisted directed CUP production of Fleabag
- Assisted directed original play No Hay Revoluciones Sin Canciones
- Photographer over 20 student performances

Arts Ignite | Program Intern | New York, NY

Jun 2024 - Sep 2024

- Supported budget management and maintained financial records
- Assisted in program coordination, including classroom monitoring, behavior management, and administrative tasks such as evaluations, survey analysis, event planning, and meeting facilitation

Studio 292 | Selected Filmmaker | New York, NY

Fall 2024

- Selected as Fall 2024 Production Slate filmmaker to write, direct, and produce a rom-com short film

TECHNICAL SKILLS & LANGUAGES

Languages: Portuguese, Spanish, Chinese

Technical: Python, R, Java, C, C++, HTML, Flask, Power BI, Canva, Azure Cloud, MS Office Suite, Adobe Suite, 3D Modeling