

Michaela Lee

Phone: 213-604-6442 • Email: michaela23lee@gmail.com

EDUCATION

New York University

May 2024

B.A. Degree in Computer Science and Mathematics, Minor in Digital Art and Design

- **CS:** Data Structures and Algorithms; Basic Algorithms; Computer Systems Organization; Applied Internet Technology; Data Management and Analysis; Operating Systems; Artificial Intelligence; Introduction to Computer Security
- **Math:** Data Analysis; Discrete Mathematics; Linear Algebra; Multivariable Calculus; Analysis; Numerical Analysis; Theory of Numbers

WORK EXPERIENCE

J.P. Morgan Chase & Co. – Software Engineer Intern

June 2023-August 2023

- Develop a cloud service in Go to maintain an accurate account catalog, ensuring data integrity and availability.
- Implement CRUD functionality to enable seamless management of account information through API calls.
- Configure user-friendly interface, eliminating reliance on Postman and enhancing user experience.

Artist Archives Initiative – Research Assistant

August 2022-September 2023

- Develop a code to reproduce a WordPress website as a simply static website using HTML and JavaScript.
- Communicate with a team of art historians and software engineers to prepare for the site to be launched on The Museum of Modern Art website.

Tech Kids Unlimited – Tech Counselor

July 2022-Present

- Assist students with tech projects and tasks one-on-one and in small groups.
- Help students help themselves by asking questions and breaking down instructions into discrete steps.

Mathnasium – Learning Center Instructor

December 2021-May 2022

- Tutor in-center and online using the Mathnasium Method, terminology, and teaching practices with 2nd-12th grade students.
- Work collaboratively with team members to deliver individualized instruction in a group setting.
- Assess students' learning progress and engagement throughout instructional sessions.

Boeing Space & Intelligent Systems - Intern

June 2019-August 2019

- Developed an application that will merge the contents of two Harness Interface Audit input files into one output file while preserving the original contents of the input files using C# programming language.
- Demonstrated a payload visualization software which provides an animated display of the spacecraft's payload and the user a capability to visually validate commands sent to the payload.

ACTIVITIES

Develop for Good – Designer

October 2023-Present

- Create an Annual Report Webpage for their website by taking the product from ideation and wireframe, to validation, high-fidelity, and hand off.

Women in Science – Member

September 2021-Present

- Selected based on academic achievement, a demonstrated interest in research, future plans for a career in STEM, and a commitment to making STEM fields more inclusive.

Sprout Up New York University – Lead Instructor

September 2021-Present

- Teach grades K-5 concepts in environmental science, sustainability, and the unique ecosystems that surround them.

Women in Science – Member

September 2021-Present

- Selected based on academic achievement, a demonstrated interest in research, future plans for a career in STEM, and a commitment to making STEM fields more inclusive.

SKILLS & INTERESTS

Skills: C/C++, Python, Java, C#, SQL, Go, JavaScript/HTML/CSS, React, Adobe Photoshop, Adobe InDesign, Figma

Languages: English (Native), Korean (Fluent), French (Basic)

Likes: Folding paper, gaming, running, making zines, contributing to goodreads