

Michael Liu

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Education

New York University, Tandon School of Engineering
Bachelor of Science in Computer Science

New York, NY
Junior

- **Cumulative GPA:** 3.4
- **Relevant Coursework:** Data Structures & Algorithms, Discrete Math, Object Oriented Programming, Prob and Stats

Experience

Endpoint Computing Services
Desktop Technician

New York, NY
Sep 2024 - Present

- Install, configure, and maintain hardware and software across 500+ systems.
- Collaborate with third-party vendors and supervisors to resolve complex issues
- Provide technical support at the service desk and manage Helpdesk calls.
- Set up and troubleshoot equipment for projects and maintenance.

NYU DTCC – Coding with AI
Member of ML Applications Team

New York, NY
Sep 2024 - Present

- Designed an interactive game in Unity as part of a team project.
- Integrated a GPT-based AI model to adjust game difficulty dynamically based on player survival rates.

Project

Life Tag (Safety Tracker): Design Project
Head of Programming

New York, NY
Sep 2023- Dec 2023

- Implemented Arduino code and troubleshooted any coding issues.
- Programmed a device that would track the user's location and display it to others.
- Created circuitry with speakers, GPS, and Bluetooth so the device would function

BestBuy Automated Purchase Bot
Passion Project

New York, NY
Sep 2024- Dec 2024

- Developed an automated Best Buy purchasing bot that detects product availability, adds items to the cart, and completes the checkout process autonomously.
- Uses Selenium Stealth to bypass bot detection by mimicking human-like browsing behavior, including modifying browser attributes.
- Randomizes key input timing when entering personal details to simulate human typing patterns and reduce the likelihood of detection.
- Handles form autofill and interactions by selecting suggested addresses, clicking buttons, and navigating through the checkout process programmatically.

SecureLingo
Hackathon NYU 2025

New York, NY
Feb 2025 – Feb 2025

- Developed a Chrome extension that analyzes on-screen content for harmful, AI-generated, and scam-related material, providing detailed risk assessments.
- Built a web application with interactive lessons and quizzes on online security, enabling user tracking via MongoDB.
- Integrated Gemini AI to train a model for analyzing text and determining website safety with confidence scores.
- Overcame technical challenges in MongoDB integration, front-end and back-end synchronization, Solana setup, and GitHub collaboration.

Skills

C++, Python, HTML, CSS, JavaScript, Django, MySQL, Arduino, Unity, React

Certificates: Meta Back-End Developer Professional Certificate, Google - Data Analyst Path