MICHAEL LEUNG

Bayside, NY 11361

8mleung8@gmail.com • (917) 330-4833 • https://github.com/8michael8
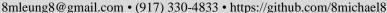
::*Technical Skills:*::

Python, Java, C, C#, HTML, CSS, Javascript, React, Linux

EDUCATION |

University at Buffalo (SUNY) • Buffalo NY   Anticipated Graduation: **December 2025** (7 Semesters)

Bachelor of Science in Computer Science, GPA: 3.81
- Dean's List (all semesters) and Recipient of the "Pride of NY Scholarship".
- *Relevant Coursework*: Software Engineering development process, Software Quality in Practice, Web development, Data Structures, Algorithms, Assembly Language Programming, Discrete Structures, Linear Algebra, Statistics, Probability
- *Spring 2025:* Artificial Intelligence, Machine Learning, Software Project Management.

WORK EXPERIENCE |

University at Buffalo • *Department of Computer Science* • Buffalo NY   **August 2024 - Present**

Undergraduate Teacher's Assistant
- Lead office hours for 70+ students in the CSE 306LLB - Software Quality in Practice.
- Deliver instructions for tools such as GNU GDB, gprof, gcov, callgrind, and git that help students debug and improve code in a team setting.
- Lead labs 2 times a week for 20+ students.

Bayside High School • Queens, NY   **Oct 2021 - May 2022**

Math Tutor (Volunteer)

Tutored 2+ students weekly in Geometry, Algebra I, and Algebra II. Lead to a general improvement in their grades.

RESEARCH EXPERIENCE |

University at Buffalo • Buffalo NY   **August 2024 - Present**

Undergraduate Research Assistant

Developing a software called Autolab that automatically grades work students from the University at Buffalo submit.
- Collaborated with four other students, displaying efficient team practices.
- Building the auto grading pipeline and front end.
- Managed the gradebook for each listed course.

TECHNICAL PROJECTS | **WEBSITE** | **GitHub**

Sudoku Solver
- Developed a Sudoku solver in Python which allows users to engage in various puzzles, offering the ability to reset and quickly solve them using the backtracking algorithm.

Product Price Tracker
- Scraped macys.com to track products from over 25 private brands and store their prices in MongoDB, utilizing Python Flask for the backend API and JavaScript for a responsive frontend.

TRAINING & CERTIFICATION

Google Cybersecurity Certificate   **June 2023 – August 2023**

Foundations of Cybersecurity, Manage Security Risks, Networks and Network Security, Linux and SQL, Assets, Threats and Vulnerabilities, Detection and Response.

University of Minnesota Software Development Lifecycle Certificate   **July 2024 – August 2024**

Software Development Processes and Methodologies, Agile Software Development