

MICHAEL LEUNG

Bayside, NY 11361

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::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 class.
- Instruct on essential software tools such as GNU GDB, gprof, gcov, callgrind, and git to help students debug and improve their code in team projects.
- Conduct problem solving lab sessions 2 times a week for 20+ students, providing them with solutions in a interactive environment.

Bayside High School • Queens, NY

Oct 2021 - May 2022

Math Tutor (Volunteer)

Tutored 2+ students weekly in Geometry, Algebra I, and Algebra II and led them to an overall 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 that students from the University at Buffalo submits.

- Collaborating with a group of four other students, displaying an efficient functional team.
- Building the auto grading pipeline and frontend.
- Managing the gradebook for each listed course.

TECHNICAL PROJECTS | [WEBSITE](#) | [GitHub](#)

Product Price Tracker

- Scraped macy's.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.

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.

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