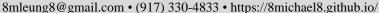
# MICHAEL LEUNG

Bayside, NY 11361





::<u>Technical Skills::</u>
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".
- <u>Relevant Coursework</u>: 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 an 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 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.

### 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.

### **Tournament Organizer**

Developed a C# application enabling users to create and manage tournaments, including generating brackets and assigning prizes.

### 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