

Taylor Ngo

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EDUCATION

Brooklyn College, City University of New York (CUNY)

Brooklyn, NY

Master of Arts

January 2024 – May 2026

- Major: Mathematics Education (7-12)
- GPA: 4.0/4.0

Stony Brook University (SUNY)

Stony Brook, NY

Bachelor of Science

August 2019 – May 2023

- Major: Computer Science/Applied Mathematics & Statistics
- GPA: 3.63/4.0

EXPERIENCE

Edward R. Murrow High School

Brooklyn, NY

Permanent Substitute Teacher (Mathematics)

March 2024 – Present

- Teaching mathematics across two long-term assignments: 3 classes of Geometry and 2 classes of Algebra II from March to June 2024, and 4 classes of Geometry and 1 class of Algebra II from September 2024 to present.
- Preparing and implementing comprehensive lesson plans focused on NYS regents curriculum and state standards.
- Managing classroom behavior and developing a positive learning environment for a diverse student population.

Substitute Teacher

October 2023 – March 2024

- Provided daily coverage for teachers across various subjects and grade levels, including Mathematics, English, Science, and Social Studies, managing 5-6 classes per day.
- Implemented lesson plans or material based on teacher instructions and classroom needs on short notice.

Research Foundation of The City University of New York

New York, NY

Computer Science Teacher (Summer & Weekend Programs)

March 2021 – Present

- Collaborated with faculty members at John Jay College of Criminal Justice to foster an interactive and immersive learning environment for prospective university students.
- Taught classes consisting of 15-20 students encompassing computer science subjects such as Java, object-oriented programming, web development, and mobile application development.

Stony Brook University

Stony Brook, NY

Introduction to Object-Oriented Programming Teaching Assistant

May 2021 – August 2021

- Facilitated biweekly laboratory sessions of 20-30 students covering topics of object-oriented programming in Java.
- Assisted faculty members by actively participating in the assessment and grading of assignments and exams.

Data Structures & Algorithms Teaching Assistant

February 2021 – May 2021

- Taught recitation classes of 20-30 students covering concepts of computer science data structures and algorithms.
- Held office hours for 5 hours a week to assist students with assignments and other inquiries.
- Performed all other teaching assistant duties including moderating the class forum for over 100 students, creating new recitation material, supervising exam review sessions, and designing homework assignment test cases.

SKILLS

Programming Languages

Java • Python • HTML • CSS • JavaScript

Technical Skills

Microsoft Office • Google Classroom • Google Drive • Algorithms • Data Structures

Languages

English • Mandarin • Cantonese