

Taylor Ngo

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EDUCATION

Stony Brook University

Bachelor of Science

- Major: Computer Science/Applied Mathematics & Statistics
- GPA: 3.8/4.0
- Relevant Coursework: Data Structures & Algorithms, Fundamentals of Software Development

Stony Brook, NY

August 2019 – May 2023

EXPERIENCE

Stony Brook University

Introduction to Object-Oriented Programming Teaching Assistant

- Facilitating biweekly laboratory sessions of 20-30 students covering topics of object-oriented programming in Java.
- Assisting faculty members in the evaluation and grading of homework assignments and exams.

Stony Brook, NY

May 2021 – July 2021

Research Foundation of The City University of New York

Assistant Computer Science Instructor

- Collaborated with faculty members at John Jay College of Criminal Justice to promote an interactive learning experience for prospective university students.
- Taught classes of 15-20 students Java and object-oriented programming as part of the STEP for Leaders program.

New York, NY

March 2021 – June 2021

Stony Brook University

Data Structures & Algorithms Teaching Assistant

- 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.

Stony Brook, NY

February 2021 – May 2021

Facebook

Above & Beyond Computer Science Participant

- Coordinated with peers to complete weekly technical tasks to gain a better understanding of programming concepts.
- Attended 11 weekly development workshops geared towards enhancing knowledge of programming fundamentals, engaging with industry professionals, and ensuring career readiness.

Remote

September 2020 – November 2020

PROJECTS

Portfolio Website – HTML / CSS / JavaScript

- Detailed professional skills, work experience, and interests on a webpage using Bootstrap.

<http://www.taylorngo.com/>

Grading Sheet Sender – Python

- Developed a program that automatically sends grading sheets to every student in a particular class by using pylightxl to read Microsoft Excel files to match grading sheets to students.

<https://git.io/JqvN1>

Yearly Asset Return Calculator – React.js / JavaScript / FMP API

- A React.js web application that calculates one's financial returns based on average cost and number of assets.
- Uses the Financial Modeling Prep (FMP) API to gather real-time asset data to make calculations on one's returns.

<https://yearlyreturncalculator.netlify.app/>

SKILLS

Programming Languages

Java • Python • HTML • CSS • JavaScript • Swift

Libraries, Frameworks, & Other Tools

Algorithms • Data Structures • React • Bootstrap • MongoDB • Android Studio

Languages

English (Native) • Mandarin (Fluent) • Cantonese (Fluent)

AWARDS & ADDITIONAL EXPERIENCE

- Stony Brook University Dean's List - December 2019 - Present
- Saul Bruckner Memorial Award Recipient (\$1000) - May 2019
- Edward R. Murrow High School Chess Team - September 2015 - June 2019