

Taylor Ngo

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EDUCATION

Stony Brook University

Bachelor of Science

- Major: Computer Science
- GPA: 3.82/4.0
- Relevant Coursework: Data Structures & Algorithms, Programming Abstractions

Stony Brook, NY

August 2019 - June 2023

EXPERIENCE

Research Foundation of The City University of New York

Assistant Computer Science Instructor

New York, NY

March 2021 – June 2021

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

Stony Brook University

Data Structures & Algorithms Teaching Assistant

Stony Brook, NY

February 2021 – May 2021

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

Facebook

Above & Beyond Computer Science Participant

Remote

September 2020 – November 2020

- 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.

PROJECTS

Portfolio Website – HTML / CSS / JavaScript

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

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

Grading Sheet Sender – Python

<https://git.io/JqvN1>

- 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 the grading sheet to the student.

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

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

- 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.

Classroom Covid – React.js / JavaScript / Firebase

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

- A Hackathon project my team and I created to display and store information on how schools are planning to provide education during the coronavirus pandemic.
- Implemented the backend using Firebase to store school information about coronavirus pandemic policies.

SKILLS

Programming Languages

Java • Python • HTML • CSS • JavaScript

Libraries, Frameworks, & Other Tools

Algorithms • Data Structures • React • Bootstrap • MongoDB • Firebase

Languages

English • Mandarin • Cantonese

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