

Taylor Ngo

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EDUCATION

Stony Brook University

Bachelor of Science

- Major: Computer Science
- GPA: 3.82/4.0

- Relevant Coursework: Introduction to Object-Oriented Programming, Data Structures & Algorithms, Programming Abstractions, Systems Fundamentals I

Stony Brook, NY

August 2019 - June 2023

EXPERIENCE

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 on Piazza for over 100 students, creating new recitation material, assisting in 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

Edward R. Murrow High School

Advanced Placement Computer Science A Tutor (Volunteer)

- Collaborated with my high school computer science teacher to provide a comprehensive understanding of Java and object-oriented programming for 20-30 students.
- Prepared students for the Advanced Placement Computer Science A exam by reviewing previous exam material.

Brooklyn, NY

October 2019 – May 2020

PROJECTS

Portfolio Website – HTML / CSS / JavaScript

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

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

Chess Player Game Statistics Web App – HTML / CSS / JavaScript

- JavaScript built web scraper that gathers a chess player's statistics from the United States Chess Federation.
- Displays a chess player's rating, number of games played, and win ratio for easy visualization.

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

NewsStack Web App – React.js / JavaScript / GNews API

- A React.js web application designed to fetch and display random news articles from a specified category.

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

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 if purchased at a certain price.

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

SKILLS

Programming Languages

Java · Python · HTML · CSS · JavaScript

Libraries, Frameworks, & Other Tools

Algorithms · Data Structures · React · Bootstrap · Axios

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