Taylor Ngo

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EDUCATION

Stony Brook University   **Stony Brook, NY**
Bachelor of Science   August 2019 - June 2023
- Major: Computer Science
- GPA: 3.82/4.0
- Relevant Coursework: Introduction to Object-Oriented Programming, Data Structures & Algorithms, Programming Abstractions, Systems Fundamentals I

EXPERIENCE

Stony Brook University   **Stony Brook, NY**
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 on Piazza for over 100 students, creating new recitation material, assisting in exam review sessions, and designing homework assignment test cases.

Facebook   **Remote**
Above & Beyond Computer Science Participant   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.

Edward R. Murrow High School   **Brooklyn, NY**
Advanced Placement Computer Science A Tutor (Volunteer)   October 2019 – May 2020
- 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.

PROJECTS

Portfolio Website – *HTML | CSS | JavaScript*   http://www.taylorngo.com/
- Detailed professional skills, work experience, and interests on a webpage using Bootstrap.

Chess Player Game Statistics Web App – *HTML | CSS | JavaScript*   https://uschessratings.netlify.app/
- 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.

NewsStack Web App – *React.js | JavaScript | GNews API*   https://newsstack.netlify.app/
- A React.js web application designed to fetch and display random news articles from a specified category.

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 if purchased at a certain price.

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