Taylor Ngo

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EDUCATION

Stony Brook University   **Stony Brook, NY**
Bachelor of Science   August 2019 – May 2023
- Major: Computer Science/Applied Mathematics & Statistics
- GPA: 3.82/4.0

EXPERIENCE

Research Foundation of The City University of New York   **New York, NY**
Assistant Computer Science Instructor   March 2021 – August 2021
- 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.

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 in the evaluation and grading of homework assignments and exams.

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 for over 100 students, creating new recitation material, supervising 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.

PROJECTS

Grading Sheet Sender – *Python*   https://git.io/JqvN1
- Developed a program that sends grading sheets to students in a particular class by using pylightxl to read Microsoft Excel files to match the proper grading sheets to students.

Stock Market Paper Trading Android App – *Java | Android Studio*   https://git.io/JBlq4
- Designed and developed a Java based Android application that simulates real-time stock market trading.
- Worked with APIs to connect users to an assortment of assets and utilized SQLite to store user data in local storage.

Yearly Asset Return Calculator – *React | JavaScript*   https://yearlyreturncalculator.netlify.app/
- Created a React.js web application that calculates financial returns based one's assets and costs.
- Used the Financial Modeling Prep (FMP) API to gather real-time asset data to make calculations on one's returns.

SKILLS

Programming Languages
Java · Python · HTML · CSS · JavaScript · Swift
Libraries, Frameworks, & Other Tools
Algorithms · Data Structures · React · Bootstrap · MongoDB · Android Studio
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