Taylor Ngo

Brooklyn, NY | cs.taylorngo@gmail.com | https://www.linkedin.com/in/taylor-ngo/ | http://www.taylorngo.com/

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 - Present

- 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

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.

STEM Connect – JavaScript | React | MongoDB

https://stemconnect.netlify.app/

- Collaborated with a team to create a full-stack web application to help educators promote their services to students.
- Designed the frontend using React and connected user inputs to the MongoDB backend.
- Achieved the best hack for small businesses/restaurants at the WaffleHacks 2021 hackathon.

SKILLS

Programming Languages

Java · Python · HTML · CSS · JavaScript · C · 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
- · Edward R. Murrow High School Chess Team September 2015 June 2019