Jeffery Tse

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Education

New York University, Tandon School of Engineering | Brooklyn, NY
Bachelor of Science in Computer Science | May 2023

- Completed coursework: Data Structures & Algo, Object Oriented Programming, Comp Net, Calc I & II, Discrete Math, Data Analysis, Physics I, Design & Analysis of Algo, Linear & Diff Eq; Current coursework: Comp Arch & Organization, Interactive Computer Graphics, Intro to Machine Learning, Haptics & Telerobotics Med

Projects

Android Apps | April 2021 - Present

- Built small apps with Kotlin and Android Studio to learn aspects of app development

Personal Website | January 2021 - Present

- Experimenting with web development and implementing a portfolio during my free time
- Discovering aspects of computer science beyond academics and expanding my experience

Automated Terrarium | February 2020 - May 2020

- Worked in a team to create and automate a terrarium in order to keep track of plant growth

Experience

NYC Department of Transportation | Manhattan, NY
Application Developer Intern | June 2021 - Present

- Developed an application with React and Redux as well as a Microsoft SQL database
- Learned technologies such as DotNet Core and managed workflow with Azure Devops

NYU Self Drive | Brooklyn, NY
Software and Hardware Team Member | September 2020 - Present

- Built a self driving car environment wrapped in OpenAI for a virtual competition within the team
- Designed multiple logos to promote the team as well as present our values

Opal Inc. | California (Virtual)
Backend Developer | May 2021 - July 2021

- Researched the XRP Ledger to implement into the Opal application
- Created the initial backend for the startup using Django

Activities

NYU HKSA | March 2021 - Present

- Head of Logistics: Problem solved and motivated the board to hold engaging events

NYU IEEE | March 2021 - Present

- Public Relations: Marketed events and recruited people to join the organization

Hack NYU | March 2020

- Designed a website to visualize coronavirus data with a group of three for this hackathon

Teen Hack LI | May 2019

- Collaborated with a team of four to design a game that included hand tracking for a hackathon

Skills

Computer: Python, C++, Java, JavaScript, HTML, CSS, git, LaTex; React, Redux, jQuery, Kotlin
Language: English, Mandarin, Cantonese