

Jeffery Tse

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Education

New York University, Tandon School of Engineering
Bachelor of Science in Computer Science
Completed coursework: Data Structures, Object Oriented Programming, Comp Net, Calc I, Calc 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
Built small apps with Kotlin and Android Studio to learn aspects of app development
Personal Website
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
Worked in a team to create and automate a terrarium in order to keep track of plant growth

Experience

NYC Department of Transportation
Application Developer Intern
Developed a user management system using React and Redux
Learned technologies such as DotNet Core and managed workflow with Azure Devops
NYU Self Drive
Software and Hardware Team Member
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.
Backend Developer
Researched the XRP Ledger to implement into the Opal application
Created the initial backend for the startup using Django

Activities

NYU HKSA
Head of Logistics: Problem solved and motivated the board to hold engaging events
NYU IEEE
Public Relations: Marketed events and recruited people to join the organization
Hack NYU
Designed a website to visualize coronavirus data with a group of three for this hackathon
Teen Hack LI
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