

# Jeffery Tse

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## Education

New York University, Tandon School of Engineering  
Bachelor of Science in Computer Science  
May 2023  
- Data Structures & Algo, OOP, Comp Net, ML, Haptics & Telerobotics Med, Calc I & II, Discrete Math, Data Analysis, Physics I, Algo, Linear & Diff Eq, Comp Arch & Organization, AI; Current classwork: OS, Databases, Game Programming, Software Engineering

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## Projects

Groceries Tracker Web App  
September 2022 - Present  
- Developing a web app for tracking groceries using flask, MongoDB, React, Heroku, and pytest  
Platformer Game  
September 2022 - Present  
- Created animations and code for sprites in a platformer game with gimp and unity  
Android Game  
September 2022 - Present  
- Producing a simple Unity game for Android; adding on to previous experience with Android Studio  
Personal Website  
January 2021 - Present  
- Experimenting with web development and implementing a portfolio during my free time

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## Experience

Amazon  
Seattle, WA  
Software Developer Engineer Intern  
May 2022- August 2022  
- Led my own project within the Alexa Music team using AWS Lambdas and S3 buckets for back-end and React for front-end to create a full stack application  
NYC Department of Transportation  
Manhattan, NY  
Software Engineer Intern  
June 2021 - March 2022  
- 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 - May 2022  
- 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

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## Activities

NYU Hong Kong Student Association  
March 2021 - Present  
- President: Motivated the board to hold engaging events and created a better social environment  
NYU IEEE  
March 2021 - Present  
- President: Planned events and workshops with a team and grow the engineering community  
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

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## Skills

Computer: Python, C++, Java, JavaScript, HTML, CSS, git, LaTeX; React, Redux, jQuery, Kotlin, C, AWS Lambda, AWS S3, AWS IAM Roles, Flask, SQL, Unity, C#, Lightroom, Photoshop,  
Language: English, Mandarin, Cantonese