

Jacky Chen

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Objective:

I am currently a sophomore that just transferred to Rensselaer Polytechnic Institute, in the fall of 2022 semester. I am seeking an internship or Co-op in any category relating to programming or engineering. However, my main interest is in cars, planes, robots, game design, web design, and other coding fields.

Education:

Rensselaer Polytechnic Institute (RPI) Troy, NY

Expected May 2025

Bachelor's Degree in Engineering, Mechanical Engineering, GPA: 4.0

The City College of New York (CCNY) New York, NY

August 2021 – May 2022

Bachelor's Degree in Engineering, Mechanical Engineering, GPA: 3.62

Skills:

Technical: Knowledge of coding in C# through Unity. Proficient in Python and SolidWorks.

Professional:

Other: Certified in HTML, CSS, and JavaScript for Web Development

Experience:

GOESR Hackathon, Virtual

9/2021-9/2021

Hacker

- Work with a group of 4 individuals to create an app that converts satellite image to a 3D printable file.
- The app does not use code, instead uses a website that converts a 2D image file to a 3D image file.

Projects:

Game Creation (Upon Them) - [Upon Them \(V1.0\) - Unity Play](#)

1/2021-2/2022

- First game I created without any knowledge of code
- Used basic C# I learnt from YouTube to create a game like Among Us but not top down
- Game was meant to be multiplayer, but ran into a lot of glitches

Game Creation (TerroRise) - [TerroRise - Unity Play](#)

4/2022 – 6/2022

- Second Game I created after learning from my mistake from my first game
- Used more advanced C#, learnt from YouTube, to make the game more smooth
- Game was a single player with less bugs and glitches.

Discord bot and Website Creation – Web: <https://dmvlastday.unhelpfulbot.repl.co>

8/2022 - 8/2022

- Created a discord bot made with python having simple features to make daily announcements.
- Discord bot is just the code on Repl, located on my personal websites under projects.

- Simple website with purpose to display messages for our last days with a display of pictures.

Cannon – Engineering Processes (Class)

8/2022 - 11/2022

- Created a cannon barrel using the lathe and drill press
- Created the cannon base/carriage using the vertical mill, horizontal mill, drill press, and band saw.

Personal Website (QR Code above)

9/2022 – 12/2022

- Decided to use my free time to improve and better display myself through the incorporation of a personal website
- Added many different features and designs to show who I am.