

# JACKY CHEN

Flushing NY 11355, 917-615-5351

**Jackychen0422s@gmail.com**

## DEAR HIRING MANAGER,

I am currently a mechanical engineering student studying at Rensselaer Polytechnic Institute. I need a Fall 2023 Internship since Rensselaer Polytechnic Institute requires a Fall away semester. I will be heading into my junior year and have completed one, junior year, semester before the Fall of 2023.

As of Fall of 2023, I will have taken the core engineering classes that most companies will be looking for. These classes include Fluid Mechanics, Element of Mechanical Design, Intro to Finite Elements, Modeling and Control of Dynamic Systems, Thermodynamic, Strength of Materials, Engineering Dynamic, Intro to Engineering Design, Intro to Engineering Analysis, Engineering Processes, and Modeling and Analyzing Uncertainty.

Besides taking core engineering classes, I am willing to learn other skills that can be useful to me in the future. One of my ambitions was to recreate my favorite game, that has become irrelevant, with slight improvements from other games from my childhood. To achieve this goal, I was eager to learn any skills. Thus, I first learned game design through videos on YouTube, and created by first game in Unity. Then I created my second game based on the lessons I have learnt from creating my first game. However, after committing a span of four months to creating the two games, I realized I had a passion to learn skills of any type.

As a result, in the summer of 2022 I decided to take an online course about web development and slowly became certified. After the completion of the course to continuously improve on my web development skills, I decided to work on small projects during my free time at RPI. This resulted in the development of my personal websites.

As a person I am an introvert, but around friends and family I am more open. Thus, during family activities I often take the leadership position and on work or class activities I tend to stay back but take the leadership position when I am required to. Thus, the type of leadership I possess among strangers is weak and more democratic. However, my type of leadership matches myself as a person since I am open minded to any idea and considerate.

Thank you for taking the time to review my application.

Sincerely,  
Jacky Chen