

NICO WANG

Software Developer | Game Dev | Novice Cyber Security Analyst | Website Designer & Website Developer

Computer Science Major - Junior @Rensselaer Polytechnic Institute

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• Brooklyn, NY

Experience

Rensselaer Center for Open Source	Remote
Software Developer Cyber Security Analyst	01/2024 - 05/2024
IBM Open Source Project	
<ul style="list-style-type: none">Team Lead for Sysflow Telemetry for Blue TeamDocumented project steps, troubleshooting, paving the way for group members to set up and participate in the project.Developed tutorials using data science APIs.Analyzed threats and vulnerabilities, creating graphics and Jupiter Notebooks.	
Rensselaer Center for Open Source	Remote
Software Developer	09/2023 - 11/2023
IBM Open Source Project	
<ul style="list-style-type: none">Enhanced the 'Ceph balancer status' command to provide detailed information on the changes made during the optimization of a Ceph cluster.Improved customer understanding of modifications within their Ceph cluster resulting from balancer operationsUtilized Git for version control, facilitating collaborative development efforts	

Projects

MIPS Compiler in C	Location
	09/2023 - 10/2023
Created a basic compiler for MIPS Assembly in C code.	
<ul style="list-style-type: none">What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)	
Computer Organization CPU Architecture Design	Location
	10/2023 - 11/2023
<ul style="list-style-type: none">Created a pipelined CPU architecture.What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)	
HackaDamien Dungeon Game	Albany, NY
	08/2024 - 04/2024
<ul style="list-style-type: none">Developed a dungeon crawler experience using Godot game engine during the 2024 IEEE Hack-A-Damien Hackathon at UAlbany.What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)	
RPI Biology Lab	Troy, NY
	09/2022 - 12/2022
<ul style="list-style-type: none">Utilized R Studio to import, process, and structure a dataset comprising more than 3 million rows of Excel spreadsheet data.Analyzed biological statistics of major lakes using R Studio, applying statistical methods to extract insights from the data.Used data visualization algorithms for over 3 million rows of data.	

Education

Rensselaer Polytechnic Institute	
Bachelors, Computer Science	01/2022 - 01/2026
Brooklyn Technical High School	
High School Diploma, Media	09/2018 - 06/2022

Training / Courses

Computer Organization / Architecture
Data Structures
Foundations of Computer Science / Discrete math, computation and theory
Intro to Algorithms
Principles of Software