

Nico Wang

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EDUCATION

Rensselaer Polytechnic Institute

Bachelors of Science in Computer Science

Troy, NY

Graduation Date: May 2026

EXPERIENCES

Rensselaer Center for Open Source (IBM SYSFLOW)

Software Developer | Cyber Security Analyst

Troy, NY

Jan 2024 - May 2024

- Team Lead of threat analysis team for Sysflow Telemetry
- Documented 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 (IBM CEPH)

Software Developer

Troy, NY

Sep 2023 - Nov 2023

- 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 operations
- Utilized Git for version control, facilitating collaborative development efforts

PROJECTS

(See Website: <https://personal-website-ojugz2a57-nicowangs-projects.vercel.app/>)

Tanuki Treats

Founder

Troy, NY

Mar 2024 - Present

- Used technologies such as React, next.js, Framer, node, and advanced APIs such as stripe

HackaDamien Dungeon Game

Team member

Albany, NY

Apr 2024 - Apr 2024

- Developed a dungeon crawler experience using Godot game engine during the 2024 IEEE Hack-A-Damien Hackathon at UAAlbany

Computer Organization CPU Architecture Design

Team member

Troy, NY

Oct 2023 - Nov 2023

- Created a pipelined CPU architecture using Verilog and MIPS assembly language.

MIPS Compiler in C

Creator

Troy, NY

Sep 2023 - Oct 2023

- Created a basic compiler for MIPS Assembly in C code.

SKILLS AND CERTIFICATIONS

General: Threat Analysis, Software Documentation, Threat and Vulnerability Management, Data Analysis, Web development, Cloud Technologies,

Coding: Python, C, C++, R-studio, MIPS, Java, Verilog, React.js, Next.js, TypeScript, Tailwind CSS, Node.js, Framer Motion, Godot Game Engine

Technologies: Git, APIs, AWS, Virtual Machines, Docker

Other: Microsoft Office (Excel, Word, PowerPoint), Adobe Creative Apps (Photoshop, Illustrator, PremierePro, Animate, After Effects)

Certifications: AWS Cloud Practitioner (Exp 2027)