

Christian Gutierrez

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EDUCATION

New Jersey Institute of Technology

Computer Science

Newark, New Jersey

2019 – 2023

Skills

Programming: Python, Java, C, C++, Linux, Bash, VSCode, JavaScript, HTML5, CSS, NGINX, MySQL, L^AT_EX, systemd, VirtualBox, Proxmox

Other Skills: Microsoft Office, Excel, Photoshop, Illustrator, Fidelity Active Trader Pro, Quickbooks

PROJECT WORK

TTYR, Raspberry Pi Teletype

- GitHub: <https://github.com/Person1080p/hackNJIT-TTYR>
- Achieved finalist at hackNJIT 2021
- Learned how to interface with physical devices in a Linux environment (/dev/usb/)
- Created a C++ program that interfaced with a thermal printer using a raspberry pi to run bash commands
- Featured in NJIT's Newspaper: <https://njitvector.com/2021/12/a-zoo-of-hackers-on-campus/>

Personal Website

- GitHub: <https://github.com/Person1080p/PersonalSite>
- Created a small personal website using regular HTML, CSS and JS hosted on my home network
- Learned about systems administration and programs like NGINX

Host of SIG-Linux

- Taught fellow students how to setup a virtual environment to run a Linux virtual machine
- Discussed various distributions from Ubuntu, Debian, Arch and Slackware
- Compared the pros and cons of various aspects of each distribution like package manager and system daemons

WORK EXPERIENCE

New Jersey Institute of Technology

Academic Advising Assistant, Ying Wu College of Computing

Newark, New Jersey

October, 2021 – January, 2022

- Assisted students with many issues from financial aid, international students and course order guidance
- Memorized details pertaining to various YWCC majors (CS/IT/IS) to help students quickly

Extra Curricular Activities

NJIT ACM Vice-President

January, 2022 – December, 2022

- Handled tutoring for Computer Science and related courses for the college of computing
- Helped tutors when they were overfilled with extra students
- Served as an assistant for the ACM President for various issues pertaining to the club such as communications between college administration and students

JerseyCTF II Challenge Contributor and Organizer

January, 2022 – April 10, 2022

- Created a challenge for NJIT's annually run CTF challenge in the Binary Exploitation category, and only 7 of 1497 people solved it
- Helped challenge participants with their questions and answers relating to technical support with challenges