

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++, C#, Bash, JSON, JavaScript, HTML5, CSS, MySQL, L^AT_EX

Technologies: Linux, VSCode, Azure Devops, JFrog, OpenShift, Jenkins, SonarQube, NGINX, systemd, VirtualBox

WORK EXPERIENCE

United Parcel Service (UPS)

Engineering Major Co-Op, DCT-BV

Parsippany, New Jersey

August, 2022 – Present

- Worked under the Branded Visibility team as a developer while continuing my education at NJIT
- Technologies include: C#, Java Springboot, Postman, Jenkins, SonarQube
- Trained a fellow Co-Op on how to use the technologies maintained and developed by our team

Assurance Labs

Web Developer

September, 2022 – December, 2022

- Created a website from scratch for a budding startup and hosting it today on AWS
- Handled customer requests accordingly, and helped applying the required technologies to customer requirements
- Designed in a static html page with dynamic built-in features

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

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

Extra Curricular Activities

NJIT ACM Vice-President

January, 2022 – December, 2022

- Handled tutoring for Computer Science and related courses for the college of computing
- Increased students tutored from 200 to 1200 per semester using various advertising campaigns and optimizing tutor's schedules to students to accept as many available students as possible
- Served as an assistant for the ACM President for various issues pertaining to the club

JerseyCTF II/III 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