

# Christian Gutierrez

cg462@njit.edu | 201-290-0058 | <https://chrisgutierrez.tech> | GitHub: Person1080p

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## Skills

**Programming Languages:** Python, Java, C#, C, C++, Bash/Powershell, JavaScript, Angular, HTML5/CSS, Couch-Base, MySQL, L<sup>A</sup>T<sub>E</sub>X

**Technologies:** Linux, VSCode, Azure Devops, JFrog, Openshift, Google Kubernetes Engine, Docker, Jenkins, SonarQube, NGINX, systemd, VirtualBox, Windows Server

## WORK EXPERIENCE

### **United Parcel Service (UPS)**

Parsippany, New Jersey

*Software Development Engineer I, DCT-BV/CETD/CVD*

June, 2023 – Present

- Worked under multiple teams, primarily the CVD(Commercial Visibility Dashboard) Team, and Scrum Master for CETD (Customer Engagement Technology Dashboard)
- Migrated all 6 BV applications to OCP4/GKE to modernize and enable deployments to the public cloud instead of restricted to on-prem servers
- Created a new API to start work on a redesign of CVD to display a flyout for tracking packages
- Documented the various maintenance procedures for CETD in an Azure Devops Wiki to provide a centralized place for developers to reference instead of an old Sharepoint server
- Migrated the CETD API to a new internal server farm due to improve security compliance
- Solved 200+ security flags from package deferrals in Maven and NPM to improve security compliance

*Engineering Major Co-Op, DCT-BV*

August, 2022 – June 2023

- Worked under the Branded Visibility team as a developer while continuing my education at NJIT
- Fixed 300+ Code Smells detected in SonarQube to improve code quality and readability
- Worked with Devops extensively to begin migration to a new deployment platform
- 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

## EDUCATION

### **New Jersey Institute of Technology**

Newark, New Jersey

*Computer Science*

2019 – 2023

## PROJECT WORK

### **TTYR, Raspberry Pi Teletype - HackNJIT 2021 Finalist**

- GitHub: <https://github.com/Person1080p/hackNJIT-TTYR>
- Created a small project using a Raspberry Pi and C++ to act like a retro style "dummy terminal"
- Learned how to interface with physical devices in a Linux environment and write a pseudo device driver
- Featured in NJIT's Newspaper: <https://njitvector.com/2021/12/a-zoo-of-hackers-on-campus/>

### **Host of SIG-Linux**

- Taught fellow students how to setup a virtual environment to run a Linux virtual machine

## 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