

Christian Gutierrez

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Skills

Programming Languages: Python, Java, C#, C, C++, Bash/Powershell, JavaScript, Angular, HTML5/CSS, Couch-Base, MySQL, L^AT_EX

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

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 Team, and Scrum Master for CETD
- 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 Windows Server farm due to security concerns setting up firewall rules to the public cloud
- 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
- 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