

# Christian Gutierrez

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## Skills

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

**Technologies:** Linux, Microsoft SQL SSIS, PowerBI, VSCode, Azure Devops, JFrog, GKE, Docker, SonarQube, NGINX

## EDUCATION

**New Jersey Institute of Technology**

*B.S. in Computer Science*

Newark, New Jersey

2019 – 2023

## WORK EXPERIENCE

**United Parcel Service (UPS)**

Parsippany, New Jersey

*Mid-Level Software Development Engineer, UPS.com - My Choice for Business*

August, 2021 – Present

- Worked under 5 applications, and demonstrated leadership capabilities becoming primary support and subject matter expert for 2 applications and additionally scrum master
- Developed both front and backend to a new feature to allow businesses to view proof of delivery pages of their packages
- Implemented Auth0 token validation and Zscaler as a proxy to an application to be in compliance with security in addition to becoming a key contact to assist other teams with the migration
- Rapidly rewrote statistic collection from legacy mainframe applications to pull data from GKE
- Automated statistic collection by migrating clients to an API, and manual password changes with gMSA's to reduce overhead
- Modernized documentation for an application into a centralized wiki for new developer onboarding being a simpler process
- Migrated 6 applications to OCP4/GKE to modernize and enable deployments to the public cloud instead of restricted to on-prem servers
- Solved 200+ security flags from package deferrals in Maven, NPM and Nuget to improve security compliance

*Engineering Major Co-Op, Branded Tracking*

- Worked under the Branded Tracking team as a developer while continuing my education at NJIT
- Fixed 300+ Code Smells detected in SonarQube to improve code quality and readability
- Increased unit test coverage significantly and written powershell scripts to automate SonarQube security scans locally
- 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 an early stage 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

## PROJECT WORK

**CG-NAT Security Camera Networking Project**

- Setup remote access to security cameras using cellular modems instead of hardline ethernet
- Reduced cost by 4x without needing a business line
- Used technologies from LocalXpose and Tailscale to expose the required ports and have a local vpn network for simple and secure remote administration

**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/>

## 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