Christian Gutierrez

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Skills

Programming Languages: Java, C#, C, C++, Bash/Powershell, Python, JavaScript, Angular, HTML5/CSS, Couch-Base, SQL, LaTeX

Technologies: Linux, SpringBoot, VSCode, Azure Devops, JFrog, Openshift, Google Kubernetes Engine, Docker/K8s, Jenkins, SonarQube, NGINX, systemD, VirtualBox, Windows Server, OWASP ZAP, SSIS

Certifications: CompTIA A+

EDUCATION

New Jersey Institute of Technology   Newark, New Jersey
Computer Science   2019 − 2023

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
- Added Auth0 token validation to CVDPS, a SpringBoot API
- Migrated all 6 BV applications to OCP4/GKE to modernize and enable deployments to the public cloud instead of restricted to on-prem servers
- Integrated a new Dotnet 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
- Increased unit test coverage significantly and written powershell scripts to automate SonarQube 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 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

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 enviroment 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 enviroment 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 adversting capmaings 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 anually run CTF challenge in the Binary Exploitation catagory, and only 7 of 1497 people solved it
- Helped challenge participants with their questions and answers relating to technical support with challenges