GRAHAM PAASCH

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https://www.youtube.com/channel/UCg3oUjrSYcqsL9rGk1g_lPQ

Certifications: CCNA-RS, CCNP-RS (expired)

PROFESSIONAL EXPERIENCE

Charter Communications   **Austin, TX, USA**
Network Developer   *August 2019 - June 2020*
- Network Automation via Python, Ansible, Terraform, JSON, YANG.
- Brought over $5 million in revenue yearly forward by over a week by contributing to changing working methods and utilizing new tools and technologies to deliver services to customers faster.
- Part of team to create a nationwide internal tool to deliver consistent configurations to installed CPE's which reduced install time and lowered post activation failures by more than 33%.
- Worked across four uniquely designed large ISP networks: Charter, TWC, Bresnan, Brighthouse.

Charter Communications   **Austin, TX, USA**
Network Engineer   *July 2017 - July 2019*
- • Charter Champions award given by direct manager Ahmed Belazi.
- • Mass updated Access Control List configuration on approximately 25,000 CPE using Python paramkio and requests.
- • Added protections to Cisco ACS that prevent all outages caused by user error with the command "switchport trunk allowed vlan".
- • Developed and implemented a Python program that quickly and securely enables TACACS on CPE and updates Cisco ACS with a Python requests API call.
- • Reporting to the Network Engineering Manager, responsible for planning, designing, and deploying network infrastructure, leading configuration, and troubleshooting of complex network technologies.
- • Delivered training, mentorship, and guidance to 20 team members to enhance expertise and best practices.

Charter Communications   **Madison, WI, USA**
Network Specialist   *May 2015 - July 2017*
- Developed Visio automation utilizing Python to support the development of a server-side application utilizing PHP to parse JSON payloads.
- Built an API to deliver drawings in a vsdx format, reducing a multi-hour process down to less than 10 minutes.
- Worked on legacy activation and provisioning systems focused on dedicated fiber Enterprise and Cell Tower Backhaul customers.

PROJECTS & OUTSIDE EXPERIENCE

TechYes Public Learning Channel   **Remote**
Video Producer   *March 2020 - Present*
- Videos reading books on Terraform, Network Design, Ansible, JSON, TCP/IP, Python.
- GNS3 homelab hands-on projects and experiences.
- Part of study for certification exams and professional projects.

SKILLS & INTERESTS

Skills: Agile, AWS, Bash, Computer Networking, Computer Vision, Confluence, Data Analysis, Data Science, Data Structures & Algorithms, Development Operations (DevOps), Docker, Flask, JIRA, Git, PowerShell, Linux/Unix, Microsoft Azure, MySQL, Operating Systems, Pandas, Postgres, Postman, Puppet, REST APIs, Splunk, SQL, Python, Ansible, Blockchain, Chef, TCP/IP, Terraform, Graphic Design