

Bryton J. Herdes

brytonjherdes@gmail.com | Bay City, TX | <https://next-hopself.net>

Relevant Certifications

- JNCIE-SP #3023 Obtained Nov. 2020
 - JNCIE-DC #401 Obtained May 2021
 - JNCIP-ENT Obtained April 2020
 - JNCIA-SEC Obtained May 2020
 - JNCDA Obtained May 2020
 - MTCINE Obtained April 2019
-

Technical Highlights

- TCP/IP
 - BGP, MP-BGP
 - MPLS (LDP, RSVP-TE)
 - OSPF v2/v3
 - IS-IS
 - Penetration Testing
 - L3VPN/L2VPN
 - VPLS
 - EVPN
 - Automation Scripting (Python/PowerShell)
 - JunOS
 - Linux System Administration
-

Relevant Work Experience

Cloudflare

Network Engineer

August 2021 - Present

Jackson Electric Cooperative, Inc.

Senior Network Engineer

June 2021 - August 2021

- Serve as the lead engineer for design, implementation, and Tier 3 operations
- Write Python scripts to automate network troubleshooting, provide as deliverable to Tier 1 and Tier 2 support
- Orchestrate IPv6 (v4/v6 dual stack) deployment throughout JEC network

Network Engineer

June 2019 - Present

- Oversee network technicians and system administration teams, and offer Tier 3 support for network-related issues
- Migrate Network from a L2-bridged core to an IP/MPLS underlay with overlay L3VPN, L2VPN, VPLS services and BGP-Free Core Internet Access for residential and commercial customers

Cybersecurity and Network Administrator

June 2018 – June 2019

- Network operations, monitoring, and troubleshooting for Tier 2/3 escalations
- Develop plans to move internal and ISP company networks to a more robust routed architecture

PricewaterhouseCoopers (PwC)

Cybersecurity Intern

June 2017 – August 2017

- Performed at associate level for a Fortune 50 client on a team of PwC consultants
 - Evaluated best security guidelines, policies, and strategy for the client
-

Education

Southeast Missouri State University, Cape Girardeau, MO

Bachelor of Science in Cybersecurity

- Minor in Computer Science