

Bryton J. Herdes

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Relevant Certifications

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| ● 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 |
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Technical Highlights

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

Jackson Electric Cooperative, Inc.

Senior Network Engineer

June 2021 - Present

- 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
- Perform internal penetration tests, security assessments, and compliance engagements to improve overall security posture
- Make 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

Heartland Dental

Web Development Intern

May 2016 – August 2016

- Created dynamic front-end and back-end web content using Drupal 7 Content Management System and PHP
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Education

Southeast Missouri State University, Cape Girardeau, MO

Bachelor of Science in Cybersecurity

- Minor in Computer Science