

# Bryton J. Herdes

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## **Relevant Certifications**

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| ● JNCIE-SP #3023 | Obtained Nov. 2020  |
| ● JNCIP-DC       | Obtained May 2020   |
| ● JNCIP-ENT      | Obtained April 2020 |
| ● JNCIA-SEC      | Obtained May 2020   |
| ● JNCDA          | Obtained May 2020   |
| ● MTCINE         | Obtained April 2019 |
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## **Education**

Southeast Missouri State University, Cape Girardeau, MO	Bachelor of Science in Cybersecurity
● Minor in Computer Science	

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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.

### **Network Engineer**

June 2019 - Present

- Serve as the lead engineer for implementation, operations, and design
- Oversee network technicians and system administration teams, and offer Tier 3 support for network-related issues
- Migrate business operations and Internet Delivery Network from legacy architecture to a resilient and diverse routed model
  - Leverage MP-BGP, IGP reachability, and MPLS paths for forwarding in comparison to primitive L2-bridging
- Enabled MPLS feature-rich services, introducing a new revenue stream to the company's business-class portfolio
  - Build and manage L3VPN/L2VPN solutions for smart electric metering, SCADA, infrastructure management, and customer networks

### **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 architecture

PricewaterhouseCoopers (PwC)

### **Cybersecurity Intern**

June 2017 – August 2017

- Performed at associate level for a Fortune 50 client on a team of PwC consultants
- Helped guide client IT team toward best-practice security guidelines, policies, and governance