JULIANNA WINTHROP

Entry Level Network Engineer

CONTACT

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LinkedIn
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EDUCATION

Bachelor of Science
Information Science
University of Pittsburgh
September 2016 - April 2020
Pittsburgh, PA

Relevant courses

Math for Information Science
Database Management Systems
Analysis of Information Systems

SKILLS

LAN/ WAN
TCP/ IP Networking
Cisco NEXUS / ISE / Prime (WiFi)
Routing protocols - BGP, OSPF, ECMP, MPLS
Microsoft Windows Server 2008, 2012

CAREER OBJECTIVE

Dedicated and results-driven network engineering enthusiast seeking an entry-level position at Longi Engineering to leverage academic excellence, hands-on experience, and a passion for innovation.

WORK EXPERIENCE

Network Engineer Intern

Marketing Science Company
April 2019 - March 2020 / Pittsburgh, PA

- Collaborated as the primary point of contact between the support team and engineering to help identify and troubleshoot 90% of issues
- Led technical input in reviewing architecture, and policies and procedures, leading to a 25% improvement in efficiency
- Identified and reviewed resting procedures for change and configuration management in production environments
- Ensured 100% of production environments and data centers were equipped with the proper level of resources to scale
- Implemented regular alerting and monitoring of network performance, decreasing network down-time by 22% yoy
- Collaborated with 12 new clients to build firewalls using FortiManager, enabling employees to access critical resources

PROJECTS

Built network for a local charity

- Worked to build out 2 networking infrastructures for a local education charity as they began expansion into the west coast
- Implemented 4 alerting systems to indicate down-time, resulting in a 40% improvement in user experience
- Helped improve the up-time of the video conferencing experience for 12+ educators, reducing network costs by 16%

Poker Simulation

- Built a basic web app to allow users to simulate and visualize outcomes of poker hands against opponents of 3 different play styles using open-source cards.js on the front-end
- Implemented sci-kit learn in Python to simulate possible outcomes under 7 unique scenarios that the user chose