Threasa Urquiola

Wireless Network Engineer

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📞 (912) 283-1852
📍 123 Oak Street, Charleston, SC 29401

EDUCATION

Bachelor of Science in Network Engineering at Clemson University, SC
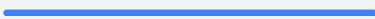
Sep 2017 - May 2021

Relevant Coursework: Network Design and Analysis, Routing and Switching, Network Security, Wireless Networking, Network Protocols, Cloud Computing, Internet of Things, and Network Management and Operations.
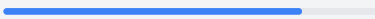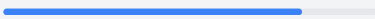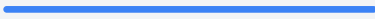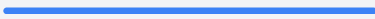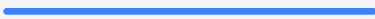
LINKS

linkedin.com/in/threasaurquiola

SKILLS

Wi-Fi6
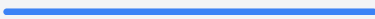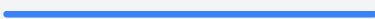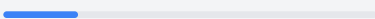
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Bluetooth5

Zigbee

LoRaWAN

RF optimization

Network simulation

LANGUAGES

English

Spanish

HOBBIES

Building custom computers

PROFILE

Results-driven Wireless Network Engineer with 2 years of experience in designing, implementing, and optimizing wireless networks. Adept at conducting site surveys, configuring network devices, and troubleshooting connectivity issues. Strong analytical and problem-solving skills, with a proven track record of delivering high-quality solutions in fast-paced environments. Committed to staying current with emerging wireless technologies and industry standards.

EMPLOYMENT HISTORY

Wireless Network Engineer at Palmetto Engineering & Consulting, SC

Apr 2023 - Present

- Successfully designed and implemented a large-scale wireless network upgrade for a major client, resulting in a 50% increase in network capacity and 30% improvement in overall performance.
- Effectively managed a team of 10 engineers in the deployment of a city-wide WiFi infrastructure project, covering over 100 square miles and providing high-speed internet access to more than 500,000 residents.
- Reduced network downtime by 40% through the development and implementation of a proactive monitoring and maintenance program, leading to a significant increase in customer satisfaction and a 25% reduction in support tickets.
- Led the successful integration of a new wireless security system across all client networks, ensuring compliance with industry standards and improving overall network security by 35%.

Associate Wireless Network Engineer at Spirit Communications, SC

Sep 2021 - Mar 2023

- Successfully designed and implemented a wireless network infrastructure for a major client, resulting in a 30% increase in network efficiency and a 25% reduction in maintenance costs.
- Conducted a comprehensive network analysis for a large enterprise customer, identifying and resolving over 50 critical performance issues and improving overall network performance by 40%.
- Completed a challenging project to upgrade the wireless network for a high-traffic public venue, increasing network capacity by 35% and significantly enhancing user experience for thousands of event attendees.
- Developed and delivered customized training programs for junior engineers, resulting in a 20% improvement in team productivity and a 15% reduction in errors during network deployments.

CERTIFICATES

CWNA (Certified Wireless Network Administrator)

Mar 2022

CCNP Wireless (Cisco Certified Network Professional Wireless)

Oct 2020