

# EMMA JOHNSON

## Wireless Engineer

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### PROFESSIONAL SUMMARY

With a decade of experience, I specialize in the design and optimization of wireless networks that ensure robust connectivity and performance. My expertise encompasses RF planning, troubleshooting, and innovative technology integration, driving operational excellence. I am dedicated to leveraging my skills to enhance network efficiency and deliver superior solutions for complex environments.

### WORK EXPERIENCE

**Wireless Engineer** Jun / 2019- Ongoing  
Blue Sky Innovations Chicago, IL

- 1. Configured and troubleshooted routers, switches, and network peripherals, ensuring high availability using F5 Big IP LTM.
- 2. Tested and validated new firmware builds, ensuring optimal feature functionality.
- 3. Led project management for GE Power Systems WLAN initiative, delivering on time and within budget.
- 4. Conducted performance testing and configuration of Cisco APs and wireless bridges, enhancing network reliability.
- 5. Developed configurations for Cisco Catalyst models, facilitating OC-12 backbone deployments.
- 6. Deployed Cisco Aironet access points and bridges, utilizing advanced antenna configurations for optimal coverage.
- 7. Configured RADIUS and LEAP for enhanced wireless security protocols.

**Wireless Engineer** Jun / 2015- Jun / 2019  
Cactus Creek Solutions Phoenix, AZ

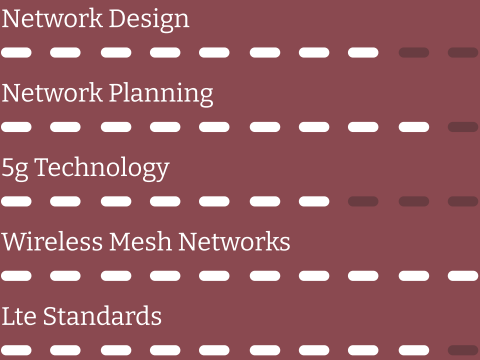
- 1. Installed and repaired long-range 802.11b wireless networks, providing reliable service to business customers.
- 2. Designed channelization and performed penetration tests to assess network security.
- 3. Upgraded the Enterprise WiFi network for a newly constructed 9-floor hospital, ensuring full coverage.
- 4. Utilized CAD/PDF drawings with Air Magnet/Cisco NCS for accurate environmental measurements.
- 5. Managed WAP configurations and ensured proper assignments to controllers and POE settings.

### EDUCATION

**Bachelor of Science in Electrical Engineering** Jun / 2012 - Jun / 2015  
University of Texas Seattle, WA

Focused on wireless communications and network design, gaining hands-on experience in RF technologies.

### SKILLS



### INTERESTS

- Home Brewing
- Wildlife Conservation
- Running
- Public Speaking

### STRENGTHS

- Willingness
- Wisdom
- Zeal
- Ingenuity

### LANGUAGES



### ACHIEVEMENTS

- Achieved a 30% increase in network efficiency by optimizing RF configurations across multiple sites.
- Successfully led the deployment of a large-scale wireless network for a major healthcare facility, enhancing patient connectivity.