



# Bruce Wainer

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 <https://www.brucewainer.com>

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## Summary

I work to understand systems and issues in full to achieve rapid and comprehensive solutions. I have broad knowledge of computer systems, networking, and security, and detailed knowledge of routing, switching, wireless, and servers. I am vendor agnostic and have learned both industry standards as well as vendor nuances and proprietary features.

## Experience

### Pre-Installation Network Engineer

Single Digits, Inc.

Feb 2020 - Apr 2020 (3 months)

Full Time Salaried / 40+ hours per week

Reviewed network designs for completeness, compliance to brand standards (Marriott, Hyatt, etc), feasibility, and efficiency

Tracked and reported on remediation of design issues

Began the configuration process of network equipment (Firewalls, Servers, Switches, Access Points) and provided complete documentation to others who will perform the installation.

Assisted in implementation issues discovered during installation.

Found more than \$20,000 in design mistakes over two months, and also found ways to save the customers thousands of dollars while still having a result that met requirements and produced satisfaction.

### Network Project Engineer

Single Digits, Inc.

Jan 2018 - Feb 2020 (2 years 2 months)

Full Time Salaried / 40+ hours per week

Remotely managed an onsite installation team for network upgrades at hotels and other hospitality customers

Traveled onsite to oversee certain projects

Configured network equipment (firewall, gateway, switches, access points)

Troubleshoot and finalized configuration of the network equipment

Ensured customer (hotel owners/management/staff) and hotel guest satisfaction

Provided documentation of the install

In this role I was acknowledged many times by customers for reducing downtime during migrations, being on top of outages and issues, and having full knowledge of their network installation. Some customers requested me for their other projects.

Frequent experience with:

Routers/Firewalls/etc: Cisco ASA, PFSense, WatchGuard, Nomadix

Load Balancer/Traffic Shaper: Elfiq, Exinda/Alloc8, WatchGuard

Switches: Cisco, Aruba/HP, Extreme, Ruckus/Brocade

Wireless: Ruckus (ZoneDirector, SmartZone, standalone), Extreme WiNG (Zebra/Motorola), Aruba




### Surveillance Systems Operator

Airwave Networks

Sep 2015 - Dec 2017 (2 years 4 months)  
Full Time concurrent with other position; 16 hours per week  
Audited and maintained surveillance systems remotely  
Coordinated and provided assistance to on-site installation, maintenance, and repair operations.

Primary camera experience: Axis, ACTi, Analog

 **Call Center Supervisor and Technical Support "AWS"**

Airwave Networks

Feb 2013 - Dec 2017 (4 years 11 months)  
Full Time concurrent with other position; 24 hours per week  
Resolved Customer Internet and Cable TV problems by phone and on-site  
Monitored and troubleshoot service problems  
Oversaw tier I call center staff  
Assisted in new installation and maintenance projects


Experience with Cisco and HP Switching, Ruckus APs (standalone), and a proprietary linux-based router/gateway device

 **Circuit Acquisition Coordinator**

Airwave Networks


Feb 2014 - Sep 2015 (1 year 8 months)  
Full Time concurrent with other position; 16 hours per week  
Requested and Managed Fiber Bids and Contracts for enterprise DIA and Switched Ethernet transport circuits.  
Researched and designed new data center projects.

## Education

 **James Madison University**  
Bachelor's Degree, Media Arts and Design  
2011 - 2014

## Licenses & Certifications

 **CompTIA Security+ - CompTIA**  
Issued May 2020 - Expires May 2023

 **CompTIA Network+ - CompTIA**  
Issued Apr 2020 - Expires May 2023

 **Oracle PL/SQL Developer Certified Associate - Oracle**

 **CompTIA A+ ce Certification - CompTIA**  
Issued Jun 2019 - Expires May 2023

## Skills

Cisco Firewall Security • Cisco Routing, Switching, Wireless • Ruckus Switching and Wireless • Aruba Switching and Wireless • Extreme Switching and Wireless • Watchguard and PFSense firewalls • Mikrotik Firewall, Switching, Wireless • VMWare VSphere/ESXi • CentOS, Debian, Ubuntu Linux • Active Directory