

NICHOLAS J. RUSSO

Network Engineer/Architect

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Aberdeen, MD, USA



EXPERIENCE

Network Consulting Engineer

Cisco Systems

2016 - ongoing Aberdeen, MD, USA

- Designed, tested, and deployed a worldwide MPLS network between tactical POPs, providing seamless communication across the globe
- Designed and tested a secure wireless (802.11 and LTE) solution for the tactical Army with a ~75% size, weight, power, and cost reduction
- Mentor to two engineers, providing continuous leadership/coaching

Network Engineer

Netorian LLC (US Army)

2013 - 2016 Aberdeen, MD, USA

- Developed a scalable and unified QoS strategy for the tactical Army, merging three separate programs onto a common QoS baseline
- Designed and modeled a converged transport network to reduce infrastructure; personnel, materiel, and satellite cost savings

Network Systems Engineer

Harris RF Communications

2012 - 2013 Rochester, NY, USA

- Provided engineering expertise during three Network Integration Evaluations (NIE); each was a multi-million dollar sales opportunity

Battalion Communications Officer

United States Marine Corps (USMC)

2008 - 2012 Camp Lejeune, NC, USA

- Supported combat operations in Afghanistan
- Supported post-Earthquake humanitarian operations in Haiti
- Awarded the Navy Commendation Medal for outstanding service and leadership throughout the duty assignment
- Awarded the LtCol Kevin M. Shea award for commanding the USMC's "Best Communications Unit" in 2011

EDUCATION

BS Computer Science

Rochester Institute of Technology (RIT)

2004 - 2008 Rochester, NY, USA

TOP CERTIFICATIONS

CCDE #20160041

Experienced business-driven designer

CCIE#2 #42518 (RS and SP)

Large-scale networking technical expert

TOP SKILLS

IP/MPLS Networking

Wireless LAN (802.11)

Secure Firewall/VPN

Virtualize/Cloud (AWS)

Coding: Python/Java

TOP PUBLICATIONS

CCIE SP Comprehensive Guide

leanpub.com/ccie-spv4-comp-guide

- Highly detailed, complete, hands-on CCIE Service Provider version 4 study guide
- "Top 5" best-seller since the day of its launch

Github Repository

github.com/nickrusso42518

- Public display of Python3 competence
- Several projects/code challenges in progress