

# Christopher Polanish

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## SUMMARY

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Experienced engineering professional with a strong interest in computer systems, networks, and technology, poised to transition to a role in the computer networking field. Highly motivated self-starter who is inherently curious and eager to learn new skills. Enjoys staying ahead of trends by becoming familiar with and utilizing the most current technology and methods. Enjoys a fast-paced, ever-changing environment. Devoted to quality and customer satisfaction. Works well individually or as part of a team. Current Cisco CCNA™ Router and Switch Certification (August 2013). Current DoD Security Clearance – Secret.

## CORE COMPETENCIES / SKILLS

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- ◆ Cisco CCENT™, CCNA™ Router and Switch
- ◆ Hands-on Cisco Experience in a Production Environment
- ◆ Visual Basic / VBA
- ◆ Analytical Problem Solver
- ◆ Basic Linux Knowledge
- ◆ Strong Written / Oral Communication Skills
- ◆ Solid Troubleshooting Skills
- ◆ Familiarity with EIGRP / OSPF Routing Protocols
- ◆ Microsoft Visio

## PROFESSIONAL EXPERIENCE

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NORTHROP GRUMMAN – Bethpage, NY

May 2008 – June 2014

### *Reliability Engineer*

- ◆ Site administrator for in-house failure tracking system that currently contains 50,000 records across multiple aircraft programs.
- ◆ Maintained database of reliability metrics covering 1,900 aircraft parts, and provided summaries of this data to be included in monthly and quarterly status reports to Navy customer.
- ◆ Developed Microsoft Excel based tools (utilizing VBA) that provide analysis on data obtained both from in-house metric tools and directly from the customer. Together, these tools have replaced 10-20 hours of manual analysis every month, allowing engineers to focus their time on more pressing tasks.
- ◆ Reviewed failure data covering five subsystems and worked with Northrop's subcontractors to determine root cause and corrective action. Also was responsible for the presentation of this data to Navy customer at a bi-monthly meeting.
- ◆ Adjudicated maintenance data received from flight-line (approximately 900 records monthly).
- ◆ Documented aircraft design from a reliability perspective as a method of finding design weaknesses and a need for additional reliability measures.

KEYSPAN ENERGY – Hicksville, NY

Summer 2006 / Summer 2007

### *Network Operations Intern*

- ◆ Assisted in the configuration, burn-in test, and deployment of Cisco and APC equipment for a new 600+ user office building comprising three network closets and redundant WAN links to the corporate network.
- ◆ Basic maintenance and troubleshooting of network equipment in power plants and substations, as well as numerous offices across Long Island, including the main call center and data center (Cisco IP and GE JungleMUX SONET equipment).
- ◆ Received hands-on experience using a variety of production Cisco routers and switches, as well as had the opportunity to develop and test scenarios in the group's two network labs. Equipment used ranged Cisco's product line, including 2900, 3600, 6000 series devices.
- ◆ Reviewed for accuracy and updated network diagrams to reflect current configuration of equipment.
- ◆ Designed and populated inventory database of spare network equipment.

## ADDITIONAL WORK EXPERIENCE

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CHEFS OF NEW YORK ITALIAN RESTAURANT –East Northport, NY (*Webmaster*) 2009 – Present  
COMMACK HIGH SCHOOL – Commack, NY (*Technical Theater Consultant*) 2004 – Present

## EDUCATION

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POLYTECHNIC INSTITUTE OF NYU – Melville, NY

Master of Science – Electrical Engineering

May 2011

Master's Certificate – Computer Engineering

December 2010

GPA: 3.4

NEW YORK INSTITUTE OF TECHNOLOGY – Old Westbury, NY

Bachelor of Science – Electrical and Computer Engineering

December 2007

GPA: 3.5

## ADDITIONAL INFORMATION

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- ◆ Eagle Scout
- ◆ IEEE Member