BENNIE BLUNT JR

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Objective

I am looking for my next opportunity as my position with Intel is coming to a close. An ideal opportunity would be to leverage recent skills in Linux, Python and computer networking. As I begin my transition, I am adding skills in data science and machine learning.

Python 2.7 and 3.5

Scripting in Python, Ipython, Jupyter Notebook, Pandas, NumPy, and SciPy. Begining SciKit Learn for machine learning.

Network security

IPSEC, VPNs, firewalls, MPLS VPNs

Systems Engineering

Systems Engineering practice

Matlab

Done some Matlab programming in Graduate courses

compputer and network hardware

Cisco Routers and switches: Nexus Chasis, 6509, 72xx, 37xx, 45xx, 73xx, other routers, Controllers and APs PIX firewall Symantec: Endpoint Protection Product Blue Coat: Proxy Opnet: ARX, ATX, SP Guru, Modeler, APM

technical skills

Protocols: TCP/IP, RIP v. I & II, OSPF, EIGRP, IGRP, BGP, IPSEC, SSL, TLS, H323, Skinny, LAN/WAN Technologies: Wireless technology 802.11 A, B, & G, Ethernet, Token Ring, ATM, Frame Relay, ISDN, SONET, Network Protocol Analyzers   Security: Firewalls, IDS, VPN Concentrators, Intrusion Protection Endpoint Protection security solutions, Security Event Information Correlation (SEIM) products, Symantec Antivirus Solutions, Familiar with Checkpoint Firewalls, Blue Coat Proxy, familiar with F5 load balancers   Network Management: Cisco Works 2000 products, CA Spectrum, Solarwinds   IP Telephony Systems: Cisco AVVID/Unified Communications, voice gateways, QOS, MCU, gatekeepers, and Polycomm Video stations.

conduct training

Created, prepared, and delivered all types of training to customers, vendors, and internal team members. The training has consisted of theory and labs.

compputer and network hardware

I have configured, installed, and maintained all types of computer and network hardware accross numerous vendor platforms

presentation creation and delivery

I have been creating and delivering presentations on technical topics for all organizational levels. Those presentations have been for as little as 3 people to 50+

Windows Servers 2003, 2008

Used windows servers to include SQL to run Symantec Endpoint Protection 11.0 product demos and training

LINUX

Linux MInt at home, Red Hat 7.2, SLES 11, and other linux operating systems.

802.11 A,B,G, and N

configured wireless LAN with APs and Cisco controllers with Wireless Control System (WCS)

routing protocols

configure OSPF, EIGRP, BGP in enterprise environment

2014 - 2016   World Wide Product Support Engineer
Intel, Inc

Product Support Engineer

Provide 4th level product support on Intel High Performance Computing (HPC) Fabric products to include Omni-Path and True Scale. Diagnose and troubleshoot HPC customer technical problems and bring to resolution. Manage incoming customer support issues (via emails, portal postings, or phone calls, onsite when necessary). Perform linux distribution administration, installation, and troubleshooting to solve customer host software problems.

Support OEMs and/or integrators with new cluster testing and acceptance. Provide guidance, advice, training, and mentoring of Level 1 and Level 2 support staff. Maintain assigned product support lab equipment rack for facilitation of learning and recreation of customer technical issues

Software Test Validation Engineer

As a member of Interconnection Validation team, develop an understanding of new Intel architectures and software products for High Performance Computing (HPC). Learn new Intel software products functionality from technical specifications and design guides. Then develop test validation plans to ensure product feature functionality and performance. Explore optimal test approaches and writing test cases to increase product feature coverage for manual and automated test environments. Run tests, analyze failures, report bugs, and assist in debugging process. Gather and analyze test metrics and develop and suggest improvement plans. Work closely with hardware and software development teams.

Perform some scripting of test using tcl/expect and Python on Linux Red Hat and SLES operating systems. Use Open MPI tests as well as other open source products for testing. Conduct full HPC fabric testing utilizing Xia Chariot test product for generating traffic and test patterns. Utilize Wireshark to analyze and troubleshoot tests and fabric.

Read, research, and apply standards such as Open Fabric Alliance, Infinband Trade Association, and IEEE current True Scale standards for testing of Intel's next generation HPC platform.

Dec 2010 - Present

Computer Engineer

United States Army Communications-Electronics Research, Development and Engineering Center

Member of engineering team conducting research in science and technology evaluation for the US Army.Currently conducting research in Mobile Ad Hoc Network routing in tactical networks.Utilizing open source products on LINUX platforms: Vmware player, VirtualBox, NS-3, NS-2 to perform modeling, simulation, and test of a new inter-domain routing protocol for MANETs.Present and write papers on relevant findings in research.Participate in MANET related conferences and workshops to advance and collaborate the area of Mobile AdHoc Networks.Give talks and presentations on our research and related technologies.

Provide data collection and analysis for ASEO/Operational Data Collection Analysis (ODCA). Perform network and application performance analysis on collected customer data sets. Provide results in stanadard report to customer base and management. Assist in installing and maintaining development lab for network simulation and analysis scenarios. Install and maintain Opnet analysis tools SP Guru, Application Transaction Analysis(ATX), Application Response Export(ARX), JCSS, and VNE server on the latest revisions and patches. Use additional tools for analysis such as Solarwinds, Wireshark, and Shunra.

Performed data collection and analysis for the Army Data Center and Consolidation project. Created reports of our findings on network and application performance information

Feb 2008 - Dec 2010

Network Engineer

Contractor at PHI Inc

Network Engineer with responsibility for the architecture, design, test and support of multiprotocol enterprise network and Power Delivery Network to include wireless and IP Telephony for corporate IT. Selected contributions:

Proposed and led a project that researched, evaluated, installed and maintains OPNET network optimization. This resulted in dramatic improvement in troubleshooting network or application performance issues as well as the ability to understand application performance on the network.

Utilize OPNET products ACE Live, Ace Analyst, IT Guru, and Net Mapper

Successfully defined voice of customer, translated need into a tangible network solution and implemented it. Managed deployment of new network solutions for all customer applications.

Installed, configured and maintained Cisco routers, switches, and wireless LAN infrastructure. Installed and maintained Cisco Wireless Control System and Cisco Works Network system.

Design, install, and maintain network infrastructure in support of AMI/Smart grid and power delivery communications infrastructure

Network performance and optimization studies on AMI initial network rollout to baseline application performance

FERC/NERC environment certified

Lead project engineer for data center computer room redesign

Lead project engineer in network migration of Delmarva Power and PEPCO routing domains, resulting in one routing domain to manage

Interpreted engineering standards and written, and recommended solutions according to ANSI and IEEE standards.

Jan 2006 - Jan 2008   Sr Technical Product Manager

Symantec Corporation

Senior Product Manager in charge of several Endpoint product modules. Responsible for training sales teams, channel partners and customers. Responsible for building training modules and for providing technical assistance to customers and sales force in migration to new products. Selected contributions:

Conducted seminars and training sessions for customers and channel partners as a key member in the national roll out of Symantec's flagship product Symantec Endpoint Protection 11.0.

Led the design and migration planning for several Large Enterprise customers in the US and Canada.

Developed and conducted product training for customers, partners and systems engineering teams.

Planned and lead product proof of concepts. Authored white papers, best practices and how to guides.

Served as technical subject matter expert in support of the Mid Atlantic Threat Management product.

Provided presales engineering overlay support on Symantec Threat Management product portfolio to Mid Atlantic Enterprise Sales Teams.

Authored training material and labs to train sales engineering staff at national sales convention.

Taught multiple successful sales force training sessions at national sales convention.

Project managed and project engineered small and large hardware and software solutions and migrations.

Jun 2004 - 2006   Senior Professional Services Consultant

Blue Coat Systems

Professional services consultant responsible for customer technical support and assistance. Defined customer needs and deployed solutions both internally and externally at customer sites. Selected Accomplishments:

Designed, installed and configured proxy security products for customers in the North East US.

Resolved technical issues and troubleshot installed solutions in customer enterprise environments.

Led, conducted and managed customer field evaluations of products.

Trained customers and partner teams on Blue Coat products including Proxy SG/AV and Reporter.

Performed functional testing of new versions of code assisting QA in product qualification.

Provided expertise in the design and installation of a solutions test lab in Sunnyvale, CA.

Apr 2000 - May 2004	**Systems Engineer**
	Cisco Systems

Senior Presales Services Engineer on Cisco Products to include AVVID/Unified Communications Systems, security products and wireless products. Presented, demonstrated and lead proof of concepts for cutting edge solutions for Cisco AVVID/Unified Communications Systems. SE regional Specialist for IP Telephony/AVVID technology. Built, installed, setup Call Manager and Unity Voice mail. Set up gateways, QOS and POE switches for IPT. Setup and Installed Cisco video technology as well. Trained customer and partner engineering staff and provide on-site assistance with configuration and troubleshooting of network solutions. Key contributor in maintaining an internal product lab in the sales office.

1988 - 1990	**Bachelors of Applied Science**
	Troy University

Major: Electronics Engineering Technology

Minor: Mathematics

Aug 2010 - Dec 2012	**Masters of Science**
	Missouri University of Science & Technology

Major: Systems Engineer

Minor: Network Centric Systems   GPA:3.5

Text section

Additional courses in Python and Data Science completed or currently taking:

Python A-Z™: Python For Data Science With Real Exercises   Udemy   ---completed

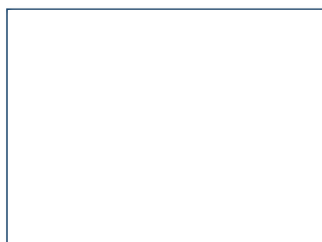Complete Python Bootcamp   Udemy   currently taking

Data Science for Internet of Things   Future Text
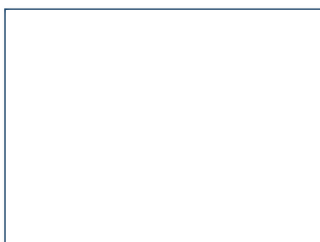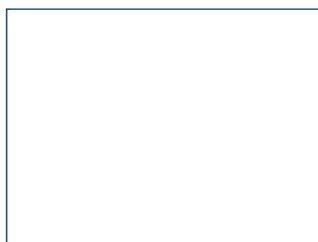
Portfolio

These documents are a sample of some work in graduate courses and some unclassified work while conducting research for the Army.
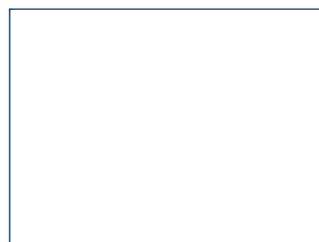
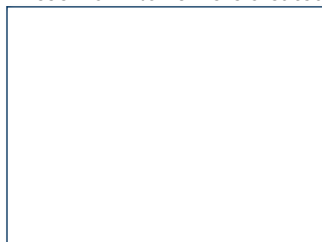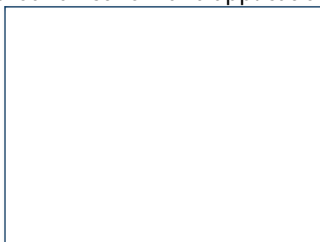| SOP for Capture Viewer	Mobile AdHoc Networks	Neural Network Project	Presentaion on Bloom Filters

Portfolio

These work flows were created around network and application data acquisition and analysis.

ACE Live predeployment wo…	ACE Live Operational workfl…