

CHRISTOPHER M. OLEXA

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EDUCATION

Bachelor of Science in Mechanical Engineering
Virginia Polytechnic Institute and State University, May 1996



SECURITY CLEARANCE:

Yes, Adjudicated 11/05, Status Inactive

PROFESSIONAL EXPERIENCE



President, OSOM Solutions LLC, McLean, VA [8/04 - Present]

1616 Anderson Road, Suite 352 McLean, VA 22102

- Founded company in August 2004 to address the need for professional, managed security, offsite backup, data recovery, anti-SPAM and technology consulting and management services for small to medium sized businesses
- Responsible for the vision and strategic direction of OSOM Solutions
- Establish relationships with prospective clients and partners for long-term mutually beneficial relationships
- Building team for installation, configuration and support of OSOM Solutions service offerings
- Design, configure, and manage security appliances and firewalls for protection of clients from Internet threats and exploits which includes firewall policy, IDS, content inspection and control, AntiVirus and malware protection and VPN support
- Design, procure, implement and manage VoIP telephone systems and supporting network architectures utilizing technologies such as VLANs and QoS
- Design, procure, implement and manage all aspects of client networks and computer systems to include Windows Servers, Windows workstations, POS stations, Internet connectivity and supporting infrastructure
- Administer Clients' Windows Servers with services such as AD, IIS, DNS, Print Servers and other services as needed
- Manage offsite backups for clients and maintain servers for proper operation and data integrity in carrier class data center
- Manage relationships with hundreds of vendors and numerous reseller agreements to have availability to the best technology at the best prices
- Designed and administer MS SQL Server 2000 database back-end and ColdFusion MX front-end interface to manage all aspects of the business in a very efficient way, incorporating concepts such as Client Relationship Management (CRM), client logon records, client inventory, client interaction and contacts, vendor contacts, technical documentation, and billing functions
- Work with clients' service providers for quick resolution of outages and assist them with troubleshooting of supporting circuits
- Build and maintain new servers and workstations for optimal performance and value, based on the clients' needs
- Perform technology audits for clients' infrastructures to give them insight into their current status so they can make sure they are making the proper investment in any new technology or infrastructure
- Responsible for all aspects of the company including but not limited to the following functions: Legal, Marketing, Engineering, Operations, Sales, Vendor Management, Client Relations, Accounting and Finance, Employee Management, and Product Development



CEO and President, EnterNet Technologies Inc., Fairfax, VA [11/99 - Present]

1616 Anderson Road, Suite 352 McLean, VA 22102

- Founder and creator of the first local search engine utilizing patented technology
- Responsible for the vision and market dominance of NetRoster.com for present and future success
- Responsible all aspects of the company's operations: Finance, Marketing, Engineering, Operations and Sales
- Authored and implemented business plan for operational and revenue generating success
- Established relationships with prospective clients and partners for long-term mutually beneficial relationships
- Created and implemented policies and processes for company operations, process management, and product delivery
- Designed and developed a web-based OSS to maximize efficiency and productivity of the NetRoster team
- Drove NetRoster from concept to an operational, revenue-generating company with personal finances, succeeding with strict fiscal diligence and innovative ideas
- Created and implemented marketing plan and materials for public communication of NetRoster services
- Hired, managed, and motivated my team to manifest the NetRoster.com vision and achieve their personal goals



Senior Sales Engineer, Velocita Corporation, Reston, VA [4/01 - 04/02]

- First Sales Engineer for the company
- Provided leadership to the sales engineering team by hiring and training new Sales Engineers
- Network architect for major optical network designs such as CENIC, SURA, and various other Federal optical networking infrastructures
- Assisted with the creation of special project business cases and provide analysis for technical and financial feasibility
- Responsible for creating Sales Engineering policy and process
- Provided technical expertise to Product Development, Product Marketing, Sales and Engineering on various networking topics
- Created network designs and documentation and assisted with proposals for customer network solutions at Executive, as well as, operational levels
- Supported National Sales Teams including National, ISP/Carrier, Enterprise, Asset Sales, and Federal accounts



Senior Systems Engineer, Metromedia Fiber Network, McLean, Va [2/00 to 3/01]

- First Systems Engineer to support Federal Systems
- First team to successfully land a sole source contract as well as the company's first classified contract
- Supported Carrier, Federal, and Commercial accounts by creating optical network designs coupled with AboveNet/PAIX co-location value
- Created and communicated presentations to potential Customers on optical based Internet solutions
- Teamed with Account Executives to provide technical solutions and draft strategic business cases
- Engineered span loss and power budgets for proposed Customers' networks
- Designed and engineered network solutions to solve Customers' application requirements
- Researched emerging technologies and companies to assist Network Engineering and Planning in optimal deployment and strategic alliances
- Trained and managed new engineers on optical concepts and technologies



Sr. TAC Escalation Engineer /Sr. Systems Engineer, Covad Communications, McLean, Va [9/98 to 01/00]

Senior TAC Escalation Engineer

- Acted as a final point of escalation for technical issues
- Supervised and mentored new engineers in fault isolation and resolution
- Interviewed and assessed candidates before final approval by hiring management

Senior Systems Engineer

- First Systems Engineer for the Mid-Atlantic region
- Provided technical expertise on xDSL, ATM, VPN and other related topics
- Offered solutions and support for customers' specific integration requirements
- Delivered and created presentations for pre- and post-sales support and training sessions, for internal and external staff development

- Developed and drive accounts, to become the third highest ranking account team in company revenue generation
- Created Perl script which resulted in \$356,000 of potentially undiscovered revenue in just 2 weeks after its inception and is currently being deployed nationwide by Covad
- Acted as escalation point for TAC and other technical issues
- Provided technical and organizational leadership in a pre-IPO environment for the Baltimore/Washington Region
- Mentored and supervised new Systems Engineers
- Designed, configured, and administered LAN of 40 for Mid-Atlantic region and assist Corporate implementation of Enterprise connectivity
- Supported over 40 ISPs and Corporate Customers which includes regional and national accounts
- Assisted and supported the deployment of the Regional Network Architecture
- Track delivery and completion of ordered circuits through ILEC or CAP



Network Engineer, BBN / GTE Internetworking, Rosslyn, Va [6/98 - 9/98]

- Assisted with LAN administration on a 110+ workstation Windows NT/95 network
- Introduced to JAVA and Perl code for a multi-platformed application



Internet Systems Engineer, UUNet Technologies, Fairfax, Va [4/98 - 6/98]

- Responsible for the installation, configuration and troubleshooting of new Internet Access (AlterNet) customer connections
- Created specialized hardware and routing configurations tailored to customers' complex needs (Cisco, BGP and Static Routing)
- Tested and accepted digital leased line circuits (56 Kbps, T1, T3, Frame Relay)
- Configured and analyzed Frame Relay switches for parameters such as DLCI, CIR and LMI.
- Installed and provided resolution for POP and SMTP electronic mail



Dial-Up Internet Systems Engineer, UUNet Technologies, Fairfax, Va [4/97 - 4/98]

- Installed first UUNet DSL site, while serving as lead install engineer on xDSL project rollout
- Troubleshooted routers, circuits, and other systems for completion of installation of new sites
- Customized Cisco routers for ISDN backup configurations for T1 customers
- Configured and provided fault resolution for xDSL, ISDN and analog routers functioning with both PPP and MPP encapsulation types
- Specialized in Ascend Pipeline configuration and troubleshooting
- Created and customized DNS zone files after analyzing anticipated customer needs
- Analyzed and debugged customers' Windows NT/95, Novell and UNIX networks while providing Internet connectivity solutions
- Installed and provided resolution for new POP and SMTP electronic mail accounts
- Supported a constant site load of over 130 customers during their installation period via telephone
- Continuously documented and updated training and reference procedures while leading team in productivity



Network Engineer - Operations, UUNet Technologies, Fairfax, VA (part-time) [10/97 - 4/98]

- Monitored Dial-up Network consisting of OC12, OC3, DS3s, T1s and PRIs for circuit cuts, outages, or routing problems
- Analyzed and debugged Ascend Max 4004/TNT and Cisco routers for errors in routing, latency, and general operations
- Used automated tools, fault isolation and resolution, and documentation to ensure performance goals were met

Mechanical Engineer, [Enviro-Management and Research, Inc.](#), Arlington, Va [7/96 - 4/97]

- Assisted with the Novell LAN and system administration of Windows 95 clients
- Performed on-site energy audits and calculations for the EPA, GSA, DOE, IRS and DOS
- Performed engineering calculations and compiled technical reports and audits

RELATED KNOWLEDGE OR EXPERIENCE

- Hardware

IBM PC, Sun SparcStations, Ascend Pipeline/MAX/Max TNT/GRF Routers, Cisco Routers and Switches, Cisco IOS, Cisco 15800, Cisco 15808, Cisco 15454, Cisco 7000 series, Cisco 2500/2600 series, Nortel OpteraMetro DWDM, Stratacom Switches, Larscom T45 CSU/DSUs, Cascade Switches, Kentrox CSU/DSU, Adtran Terminal Adapters and CSU/DSUs, WebRamp TA/Hubs, Bay Networks Instant Internet, Farrallon Netopia, Whistle Interjet 140 box, Copper Mountain CE200 and Red Rocket modems, Nokia DSLAM, Flowpoint routers, Efficient Networks SpeedStream 5250, 3Com Routers and Modems, Hubs, Cabling (Coax, TP), RS-232, V.35, RJ48X, Smart Jacks, Cobalt Web servers, 66/110 Blocks, Punch Down Tools, Tone testers, wire wrap tools, multimeters, Netscreen Security appliances, Nortel Optera Metro 5200 DWDM platform, Corvis UHL platform, Cisco ONS 15000 family (15808, 15454, 15201, 15252, 15216, 15540), Netopia Routers, Fortigate Security Appliances, FortiAnalyzer, Fortimail Anti-Spam Filter

- Operating Systems

Microsoft DOS, MS-Windows (3.x, 95,98, NT Workstation, NT Server 4.0, Windows 2000 Prof, 2000 Server, XP Pro, 2003 Server, 2003 SBS Server, Vista Business, 2008 Server), UNIX (Sun OS,X-Windows), Redhat Linux for Intel based systems , Cobalt Web servers, VMWare (ESXi/ESX 3.5, Server 2.0)

- Database

Microsoft Access , Microsoft SQLServer 2000

- Prog. Languages

C, Pascal, Basic, FORTRAN, Perl, HTML, ColdFusion 5, ColdFusion MX

- Software

Cascade View (HP OpenView), Remedy Ticket System, NetCool, Microsoft Office Suite (Excel, Access, Word, PowerPoint) Lotus SmartSuite, WordPerfect (5.0 for DOS to ver. 8), CADKEY, FEA, Web Browsers,E-mail clients, Macromedia Dreamweaver, Macromedia Fireworks, Front Page, Microsoft Image Composer, Adobe Photoshop

- Internet and Telecommunications

DNS, POP, UUCP, SMTP Mail gateways (Exchange), PPP & MPP Dial-Up Connections, Point to point, Dial-Up Networking, Analog, ISDN, xDSL, ATM, Frame Relay, Packet Switching, DS0, DS1, T1, DS3, T3, OC-n, STS-n, SMDS, TCP/IP, RIP, RIP2, BGP, Ipv4 Addressing, Subnetting, ping, traceroute, Telnet, Routing, VPN (PPTP, L2TP, IPSec) **Optical:** DWDM, Raman, EDFA, SMF, MMF, NZDSF, Optical Switching, Soliton, cleavers, OTDRs, SONET, ADM, Gigabit Ethernet, OADM

CERTIFICATION AND TRAINING

NRA Certified Pistol Instructor 10/09
 Certified Data Recovery Professional (CDRP) 12/08
 Fortinet Certified Network Security Associate (FCNSA) 5/05
 Network Security and Firewall Configuration 11/01
 Designing Security Architectures 11/01
 Cisco ONS15808 Long Haul DWDM- Operation and Maintenance 1/02
 Implementing OSPF and BGP on Cisco Routers 1/01
 Nortel Optera Metro DWDM Engineering 8/00
 Hands-On Fiber Optic Training - Learning Tree 7/00
 ATM Internetworking Training - ATM Forum 9/99
 Microsoft NT Certification Class (MCSE) - 11/97
 Ascend Max/Pipeline Technical Training Certification 8 /97
 Ascend GRF Technical Training 2 /98
 Engineering EIT Certification (Passed Commonwealth of Virginia FE Exam) - 5/96

OTHER ACTIVITIES AND ACCOMPLISHMENTS

United States Patent Holder – 6826121: Human Factors Translation Algorithm – October 2004
 United States Patent Holder – 7326132: Lacrosse Training Facility – February 2008

Leadership Board Member of FCA Lacrosse
International Who's Who of Information Technology 1999
Virginia Tech NCAA Div1 Lacrosse Club – Most Improved Player 1995
Flint Hill School Varsity Defensive Coach
Annandale Youth Head Lacrosse Coach

INTERESTS

All Sports, Shooting, Martial Arts, Surfing, Snowboarding, Automobiles, Outdoors Sports, Weightlifting, Technology, Music, Home Improvement, Inventing, Church Activities

REFERENCES AND SALARY HISTORY AVAILABLE UPON REQUEST