

## **Misha Krassovski**

Scientist

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### **Education and Training**

- 2003 Microsoft SQL Server 2000 Database Design and Implementation, New Horizons Computer Learning Center, Washington, DC
- 2003 Effective Supervisor Practices Seminar. University of Tennessee
- 2003 Project Management Professional Certification. New Horizons Computer Learning Center
- 2002 IT Network Security Training. New Horizons Computer Learning Center, Knoxville, TN
- 2002 Microsoft .NET developer Training. University of Tennessee, Knoxville, TN
- 1994 6-Month C Programming Course. Moscow State Engineering Physics Institute, Moscow, Russia
- Moscow State Technical University (Russia), Engineering, M. En.
- 1990

### **Research and Professional Experience**

- 2005-Present Programmer. Environmental Science Division, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory. Design and creation of W.A.V.E.S. (Web-Accessible Visualization and Extraction System): web-based interface for oceanographic data and metadata collections (MySQL, PHP, JavaScript). Design and creation of web-based photo gallery and website for bio fuel research data and metadata (Flash, ActionScript). Design and creation of AmeriFlux data exploration and extraction system (MS SQL, PHP, JavaScript)
- 2004-2005 Programmer. Office of the Vice President for Finance and Administration, University of Tennessee-Knoxville. Programming university-wide "Space Survey" web-based project: creating a database (MS SQL) and its web-based interface (ASP.NET, C#, Visual Basic, JavaScript) for the inventory of buildings, rooms etc., owned by the university
- 2002-2004 Manager/Programmer. Office of Equipment Repair Services, University of Tennessee-Knoxville. Supervising 3 technicians. Management for IT projects in Business Services Division. Project management for "Extended warranty" project for UT staff, faculty and students. Project management for "On-line auction" project for the University of Tennessee. Analysis of user requirements in Business Services Department, hardware and software procurement. OERS department budget management. Implemented a new computer system for service calls registration and tracking. Designed and created web site for the university-wide "On-line auction" project: [www.auction.utk.edu](http://www.auction.utk.edu) (ASP, SQL, VB, JavaScript, HTML). Designed and created online service request system for OERS department: [www.bss.utk.edu/oers/oers.html](http://www.bss.utk.edu/oers/oers.html) (ASP, Access, VB, JavaScript, HTML). Designed and created web site for Business Services Division: [www.bss.utk.edu](http://www.bss.utk.edu) (HTML, JavaScript). Designed and created online customer satisfaction survey for Mail Services, Records Management and Warehousing Departments: [www.bss.utk.edu/mailserv/Survey/survey.asp](http://www.bss.utk.edu/mailserv/Survey/survey.asp) (ASP, Access, VB, JavaScript, HTML). Design and creation of the software for in-house auction for UT Surplus Property Department (ASP, VB, JavaScript, HTML). Designed and created a new LAN structure with Active Directory for Business Services Department. Management for contacts with vendors and manufactures (Hewlett-Packard, Gateway, Dell, Lexmark, Apple). Designed and created a new LAN structure with Active Directory for Business Services Division. Established a cooperation with UT Office of Information Technology
- 2001-2002 Computer Information Specialist. Agricultural Extension Service, Information Technology Department, University of Tennessee-Knoxville. Network administration for more than 100 users servers network. Management and support for Windows NT and Windows 2000 servers,

- Lotus Notes Client software support and management, support for field computer personnel, performed transition from Novell 4.11 to Windows 2000/NT network, upgraded servers hardware, implemented IP printing, installed and configured Windows 2000 Advanced servers for developing and testing purposes, established backup strategy, implemented network security strategy.
- 1998-2001 Network/PC Technician. Advanced Systems Design, Inc., New Market, TN. Installed, configured, maintained, and troubleshoot LAN/WANs, Windows NT, Windows 2000, and NetWare servers, DHCP, DNS, and WINS services. Installed and configured network clients for Microsoft, Novell and Linux networks, hubs and switches, Linux systems. Repaired PCs, laptops, palmtops, and servers. Upgraded PCs, laptops, and servers.
- 1995-1998 Network Administrator/Programmer. Power International Ltd., Moscow, Russia. Designed, created and implemented business financial software applications (VB, VBA, C++). Designed and created corporate Web site (JavaScript, HTML). Management for IT projects. Hardware and software procurement based on user requirements. Designed and installed NetWare LAN for more than 100 clients. Trained users for network environment. Upgraded servers and clients to NetWare 4.12. Implemented network printing strategy using HP print servers. Established Internet connection using Frame Relay line and Linux server. Designed and installed Windows NT LAN for branch office. Created WAN link of branch office. Created and performed disaster recovery practices for critical platforms and data. Created and implemented business financial applications using Visual Basic and Visual Basic for Application. Implemented LAN Department and Network management standards.
- 1990-1995 PC Technician/Programmer. ASTEP, Inc., Moscow, Russia. Designed and created business and technical software applications (VB, VBA, C). Installed and configured more than 100 PCs. Provided support to more than 100 users. Performed hardware maintenance, upgrade, and installation tasks. Upgraded workstations' OS to Windows 3.1 and 3.11. Trained users. Deployed workgroups for each department. Designed LAN structure.
- 1988-1990 Programmer. Moscow State Technical University, Moscow, Russia. Created software applications for mathematical statistical methods and models (FORTRAN).

### **Computer Skills and Certifications**

*Operating Systems:* Windows 3.x/9x/NT/Me/2000/XP, Windows NT Server, Windows 2000 Server, NetWare v3.12/4.11/5.0, MS-DOS v2.x-6.x, PC-DOS v2.x-6.x, Linux Redhat v6.2/7.0/7.3, Unix

*Networking Topologies/Protocols/Services:* Ethernet, Token Ring, Frame Relay, TCP/IP, IPX/SPX, NetBEUI, PPP, DHCP, DNS, WINS, VPN

*Programming Languages:* PHP, Perl, FORTRAN, Visual Basic, Assembler, C, C++, C#, JavaScript, ASP, ASP.NET, SQL HTML

*Software Applications:* Microsoft Proxy Server, Microsoft Terminal Server, Microsoft Internet Security and Acceleration Server 2000, Microsoft Internet Information Server, Microsoft Routing and Remote Access Server, Microsoft Exchange, Microsoft Office suite, PC Anywhere, Tigerpaw Business Suite, Lotus Domino, Microsoft Site Server, Dreamweaver 6.0 and Microsoft SQL 2000 Server, Crystal reports.

*Certifications:* Project Management Professional; MCP (TCP/IP networks, Windows 2000 Professional, Windows 2000 Server); CNA (NetWare 4.11); CNE (NetWare 4.11/5.0); A+ (Computer Systems Service Technician Certification); IBM Desktop System Service, IBM Netfinity and PC Server System Service HP EtherTwist Bldg./JetDirect Maintenance and Repair; HP ETHERTWIST bldg./manage multisided LAN; HP Netserver LH3/4 Maintenance and Repair; HP LH3R/4R Maintenance and Repair, HP Netserver E60 Maintenance and Repair; HP'99 Brio, Kayak & Vectra Models Maintenance and Repair; HP Pavilion Multimedia Home PC Maintenance and Repair; HP LaserJet 4000/4050/4100 Maintenance and Repair; HP Facilitation Support; DELL Certified Technician for Latitude Notebooks, Dimension Desktops, OptiPlex Desktops, PowerEdge Servers,