

Alexey Petrenko

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Educational Background

- University of Alabama in Huntsville, AL
M.S. in Computer Engineering, 2002
- Moscow State University, Russia
M.S. in Mathematical Physics, 1998

Certificates

- CCNA (Cisco Certified Network Associate)
- CompTIA Security+, Network+, and A+
- MCP (Microsoft Certified Professional)

Employment History

08/09 – Present Austin Community College, TX

Associate Professor of Computer Information Systems

My activities include:

- Teaching Routers, Firewalls and Network Security, OS Security, TCP/IP, Wireless LANs, Fundamentals of Networking, and Security Fundamentals courses
- Assessment of student performance and record keeping
- Making recommendations regarding revisions to curricula and textbooks used
- Service on the Taskforce, Advisory, and Internal Review divisional committees
- Participation in professional development workshops and conferences

10/04 – 12/08 Technical Administrator/Web Designer

www.mathsolvedforyou.com

I designed the underlying database and the operational scripts as well as the site's user interface, and the order placement system. I administered the site since its official launch in October '04 and until its closure in November '06.

Tasks and duties:

- HTML code for web pages
- Client side scripting procedures (JScript)
- Server side scripting procedures interfacing the SQL database (VBScript)
- User account registration, review, and editing subsystem and interface
- Order placement and status review subsystem and interface
- Online payment subsystem linked to Paypal with payment notifications
- Security features

08/04 – 07/09 College of Coastal Georgia

Assistant Professor of Mathematics

My activities included teaching wide range of Mathematics courses - from remedial through Calculus and Statistics, assessment of student performance and record keeping, weekly study sessions, making recommendations regarding revisions to curricula, Registration and Advisement, service on divisional and college-wide committees (Internal Review, Curriculum, Faculty Search, Student Activity Finance, Admissions and Scholastic, Science Fair, and Study Abroad ones), helping maintain availability of Math tutors by making recommendations, and judging at the annual regional Science and Engineering Fair.

- 08/03 – 07/04 Computer Science and Mathematics Instructor, full-time
Nassau Community College, NY**
My activities included teaching Network Management, Data Structures, Statistics, and Differential Equations courses, conducting study sessions, assessment of student performance and record keeping, participating in Registration and Advisement, service on Textbook and Curriculum committees, and participation in professional development and community events.
- 09/02 – 05/03 Adjunct Instructor, Computer Engineering
Queensborough Community College, NY**
My activities included teaching the PC Technology, Architecture, and Troubleshooting course and the Network Fundamentals lab, assessment of student performance, and student record maintenance. I worked as Engineering and Physics tutor as well, and contributed into development of new laboratory manuals.
- 09/99 – 05/02 Graduate Teaching Assistant
University of Alabama in Huntsville, AL**
My activities included teaching Logic Design and Computer Architecture labs, grading student papers, assisting undergraduate students with engineering projects, and participation in various graduate projects.
- 12/96 – 08/99 Network Administrator
Programbank, Inc., Moscow, Russia**
I administered the company's LAN (three NT domains, one NDS Tree). Related tasks included network expansion planning, IP address management, implementation of network security policies, development of network recovery procedures, bandwidth monitoring, security management, network server maintenance, shared resource management, server backup/restore, and monitoring. Other activities included:
- Administration of SQL Server 7, IIS4, and Exchange 5.5 Server
 - Installation and configuration of CISCO routers and switches
 - Supervision for a group of three MIS Associates and a Database Administrator
 - Maintenance of a wireless link between two business locations
 - Systems management using SMS: installations, monitoring, remote access, etc.
 - Firewall administration
 - Planning, cost assessment, implementation, and support for customers' LANs
 - Budget planning for technology-related purchases
- 03/94 – 11/96 MIS Associate
Programbank, Inc., Moscow, Russia**
Activities included:
- Helpdesk tasks for two business locations – network connectivity, PC hardware- and software troubleshooting
 - PC software service: installation and configuration of client OS and applications for use within the networked environment, new software evaluation, software update download, testing, and implementation (service packs, hot-fixes, security patches, virus definitions, etc.)
 - PC hardware service: hardware installation, upgrade, and troubleshooting; part compatibility and performance testing; resolution of conflicts; peripheral installation, maintenance, and troubleshooting
 - LAN and server performance monitoring and evaluation of effectiveness
 - Planning and cost assessment for PC purchases
 - User training and advisory