

Shane Kramer

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OVERVIEW

A resourceful, highly motivated problem solver well-versed in an array of computer programming languages and design methodologies, and comfortable with multiple platforms, operating systems, and databases. Familiar with information security technologies and NSA encryption systems. Superior organization and communication skills as demonstrated in technology and management leadership roles in Operation Enduring Freedom (Afghanistan). Currently seeking a mid-level software development role with a team of talented individuals dedicated to working together in a positive environment to produce high-quality, technologically advanced-software.

SUMMARY OF TECHNICAL SKILLS

- **Cryptographic Equipment:** EKMS, DMDS Powerstation, Fortezza, KG-84, KG-40, USC-43, KWR-46, KY-58, STU-III, STE, KIV-7, KYK-13, AN/CYZ-10, AN/PYQ-10, SINCGARS, TACLANE, AN/PRC-148
- **Network Protocols:** TCP/IP, UDP, DNS, DHCP
- **UNIX/POSIX Tools:** GCC, Emacs, VI, Kate, Cygwin
- **Operating Systems:** Windows (98, 2000, ME, XP, Vista, Server 2003, Server 2008), UNIX, HP-UX, FreeBSD, Linux (CentOS, Ubuntu, Blackbox, Austrumi, #!, Whoppix, Backtrack), Android, Palm
- **Languages:** Ruby, Java, C++.NET, C#.NET, C, Visual Basic.NET, CGI, Perl, Php, XML, HTML, Javascript, Lisp, Assembly, Palm, Basic
- **Databases:** SQL (MySQL, MsSQL), Sybase, Microsoft Access
- **IDEs:** Microsoft Visual Studio, Eclipse, Netbeans, JCreator, Palm, RDE
- **APIs:** ODBC, JDBC, ADO, OpenGL, DirectX, Windows API
- **SDKs/Frameworks:** Microsoft.Net SDK, J2EE, J2SE, Perl, Eclipse
- **Software Testing Methods:** Top-down, Bottom-up, Stress, Incremental, Blackbox, Whitebox, Non-Functional, Regression
- **Design Methodologies:** Rational Unified Process, Spiral, Waterfall, Agile (Extreme Programming, Scrum)
- **Modeling Tools:** Dia, AllFusion Erwin, UML, Visual Paradigm

EDUCATION

Master of Science, Software Engineering (3.71 GPA) 2009
National University, La Jolla, CA

Bachelor of Science, Computer Science 2003
Texas State University, San Marcos, TX

SECURITY CLEARANCE

Department of Defense - Top Secret (SCI Eligible) 2007 - 2012
Single Scope Background Investigation

PROFESSIONAL EXPERIENCE

Software Developer

2009 - Present

Meritec Services, San Antonio, TX

- Develop enterprise-level information assurance and computer network defense software solutions used by the Air Force and multiple DoD, joint, and government tenant commands worldwide
- Test and implement security signatures for effectiveness and compliance to Air Force specifications

Information Technologist Second Class (E-5)

2005 - 2009

United States Navy, San Diego, CA

- Supervised Electronic Key Management System (EKMS) as Communications Security Manager and Cryptographic Custodian for Combined Joint Task Force Phoenix vii and viii during Operation Enduring Freedom (Afghanistan 2008-2009); personally responsible for communications security of over 40 forward operating bases (FOBs) and thousands of US and NATO personnel
- Monitored and maintained local area network, Active Directory, Microsoft Exchange, and shipboard communications on USS SAMPSON (DDG-102)
- Served as communications security clerk for USS SAMPSON (DDG-102)
- Managed development of Intranet, public and family sites as webmaster of USS SAMPSON (DDG-102)
- Advanced on first attempt each cycle while serving as assistant leader of fire team, VBSS member, Snoopy team member, web development team leader, Morale Welfare and Recreation representative, and command officer programs advisor

Software Engineer

2004 - 2005

Select Staff, San Antonio, TX

Client Valero Energy, Information Systems Department

- Conceptualized, developed, tested, and documented NetTools, an in-house, web based solution used to facilitate common network tasks
- Researched and implemented solution to migrate legacy systems to support newer, robust technologies
- Designed and maintained a MySQL database for NetTools to account for thousands of hardware assets worldwide
- Created system documentation, diagrams, and notes to aid in turning the system over to permanent staff members once contract was complete

AFFILIATIONS

Perlmonks (Perl Programming Community), Open Source Initiative, Assistant Coach of Texas State University Men's Volleyball Club, International High IQ Society, Texas State University Alumni Association, All-Navy Volleyball Team

AWARDS AND ACHIEVEMENTS

Defense Meritorious Service Medal - Operation Enduring Freedom	2009
United States All-Navy Men's Volleyball Team	2009
Distinguished Military Graduate - Information Technician 'A' School	2006
Best of the Best - Apprentice Technical Training School	2006
Honor Graduate - Boot Camp Division 003	2005
All-Conference member - Southern Intercollegiate Volleyball Association	2000 - 2003