

Curriculum Vitae for Shane Kerr

Contact Information

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Biography

Date of Birth: 31 May 1972
Gender: Male
Marital Status: Single
Citizenship: USA

Education

Non-degree coursework

- Time and Priority Management, Learning Tree, June 2005
- Java Programming, Learning Tree, April 2005
- Using Microsoft Project, November 2004
- Project Leadership, Management and Communications, June 2003
- Software Quality Assurance, Learning Tree, June 2002
- Software Testing and Inspection Methods, Learning Tree, November 2001
- Software Requirements and Prototyping, George Mason University, Fall term 1999

Master of Science in Computer Science, graduated May 1998

George Mason University, Fairfax, Virginia, USA

Bachelor of Science in Computer Science, graduated May 1993

Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA

Work Experience

RIPE Network Coordination Centre (RIPE NCC), Amsterdam

Software Engineering Department Manager, January 2004 – Present

- Manage team of 12 software engineers, and 2 user support specialists.
- Interact with RIPE community, presenting database and software updates.
- Prioritise software projects for internal and external customers.
- Direct purchasing and implementation of off-the-shelf solutions.

Database Department Manager, January 2003 - December 2003

- Manage team of 5 database software engineers.
- Interact with RIPE community, presenting database updates.

Senior Database Software Engineer, July 2001 - December 2002

- Organise on-going software development improvements, resulting in improved documentation and reproducible development.
- Initiated software testing procedures, resulting in improving reliability and confidence of software.
- Provide user support, both internal and external.
- Maintain database software.
- Administer database.

Database Software Engineer, July 2000 - July 2001

- Database administration, including MySQL administration, Perl and shell scripting for various projects, monitoring and fixing problems.
- Provided user support, answering e-mails concerning problems with updating, accessing, and using the RIPE database, as well as the related policies.

American Registry for Internet Numbers (ARIN), Chantilly, Virginia, USA

Senior Software Engineer, August 1999 - July 2000

- Liaison between President and engineering staff.
- Recommended and assigned projects to specific engineers.
- Responsible for planning and time-lines.
- Tracked and reported projects' status.
- Organised design meetings, code reviews, internal training, and so on.
- Initial point of contact for information requests, reports, new tools.
- Designed, implemented and maintained software and systems.

Software Engineer, November 1998 - August 1999

- Designed, implemented, and maintained software and systems.

Call Technologies, Inc., Reston, Virginia, USA

Systems Programmer, May 1993 - November 1998

- Wrote communication protocols, API's, and programs.
- Wrote and designed telephony and messaging applications and utilities.
- Installed systems on site, both in the U.S. and Europe.
- Delivered technical presentations to customers and trainees.

Languages

English, basic Dutch

Computer Skills

Languages: C, Perl, Java, Python, C++, 80x86 assembly, Pascal, BASIC, Lisp, Fortran

Database Programming: MySQL, Oracle, Ingres, ODBC, Perl DBI, embedded SQL in C

Database Maintenance: MySQL, Oracle, Ingres, SQL Server, schema design/implementation

Internet Programming: Multithreaded and event-driven TCP/UDP applications
Network Administration: DNS/BIND, DHCP, POP3/IMAP/mail, NTP, NFS, firewall/NAT
Hardware: Intel-based PCs and peripherals in all configurations

Hobbies

Open source development, science fiction, computer games, travel.