



# Joseph J. Klemmer

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## CONTACT

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## QUALIFICATIONS

### TECHNICAL SKILLS:

- **Operating Systems:** Linux, Solaris, MS Windows, Android, OS X, MacOS, MVS
- **Programming Languages:** Java, JavaScript, shell, C++, Python, Php, Perl, C#, COBOL, CICS, etc
- **Development Toolkits:** DirectX, Torque Engine, UDK, Unity, Game Maker
- **Applications:** Visual Studio 2008/2010, MS Office 2007/2010, Apache, MySQL, SQLite

### KEY ACHIEVEMENTS:

- Held a *Top Secret* (DoD) Clearance
- Strong knowledge of UNIX System Administration
- Have written articles and reviews for Linux Journal, Federal Computer Week and Linux Weekly News. (See *Publications Section*).
- Linux Professional Institute (LPI) Level-1 Linux Certification
- Brainbench Red Hat Linux SysAdmin Certification
- Understanding and knowledge of Networking Architectures and Topologies

## WORK EXPERIENCE

### Independent Game Developer

Jan 2013 - Present

Programmer

- Design, build and distribute video/computer games for MS Windows, Linux, Mac OS X, Android, iOS and the Web
- Game engines used include Unreal Development Kit (UDK), Unity 3D, LiveCode, GameMaker, Torque and custom built engine
- Languages used include C/C++, C#, LiveCode, Java, Python, HTML/CSS/JavaScript

### Celerity IT

Jan 2005 - Feb 2005

Instructor/Consultant

- Developed two training courses; "Intro to Linux" and "Advanced Intro to Linux" to be given to both Management and Developers at Boscov's (a large chain of department stores).
- Performed three weeks of training on said courses at the HQ of Boscov's in Reading PA.

- Adapted the Adios Linux Live CD for use as a hands-on training tool.

## US Army, Chief Technology Office

Oct 1999 - Nov 2004

Senior System Engineer

- Assisted in the management of the Army's overall online presence, specifically the Army Knowledge Online (AKO) portal, by far the largest global Intranet with over *1.7 million* users world wide.
- Developed utilities and applications in php, perl & other languages for in-house, site-wide use by multiple departments.
- Administered various UNIX systems including Sun Solaris and Red Hat Linux on both the classified and unclassified networks.
- Monitored, managed and trouble-shot network infrastructure for all of the CTO.
- Performed extensive research activities to find new technologies and new business solutions to improve the numerous systems supported by the CTO.
- Served as a security analysts at both the network and systems level working with both Firewall and Intrusion Detection System (IDS) technologies.

## WebTrek L.L.C.

Jan 1996 - Dec 2002

Owner/Operator

- Extensive knowledge of Linux and the Open Source world.
- Did contract work for the Executive Office of the President.
- Performed System Administration and management for multiple UNIX/Linux server system.
- Develop custom applications for clients using COBOL, php, perl, etc.
- Develop Palm OS applications.
- Sell, maintain and administer GNAT Box firewall systems.
- Administer HTTP servers Apache & WN.
- Develop CGI programs in perl, php, and various other languages as needed.
- Build, maintain and develop applications using MySQL.
- Meet with clients to work out project specifications.

## US Army Publishing Agency

Oct 1994 - Feb 1999

Computer Specialist (Programmer)

- Administer 4 Linux servers and 1 AIX server.
- Develop CGI applications using perl, php, shell, C/C++ and various other development tools.
- Built and maintain applications using MySQL.
- Developed programs to interface the web and email to the IBM mainframe COBOL legacy systems.
- Develop as-needed COBOL programs on the mainframe to interface the data from the web/email into the IBM mainframe COBOL legacy systems.
- Research new technologies for the purpose of better conducting business processes for the organization.

## PUBLICATIONS

Links to the following can be found at <http://www.webtrek.com/joe/articles>

- *Interview with Rootkit Hunter author Michael Boelen* - Linux Weekly News 09/30/2004
- *Interview with Cobind's David Watson* - Linux Weekly News 08/12/2004

- *Review of Cobind Linux* - Linux Weekly News 07/22/2004
- *A Short History of Linux Distributions* - Linux Weekly News 07/01/2004
- *New Age of Languages* - Linux Weekly News 06/24/2004
- *Building Packages From Source With CheckInstall* - Linux Weekly News 06/03/2004
- *Interview with Plan-B creator J. McDaniel* - Linux Weekly News 04/15/2004
- *Why the Caldera/SCO Group issue matters* - Slashdot Comment 10/06/2003
- *Open source by any other name?* - NewsForge 10/04/2003
- *Some thoughts on the fall of Bagdad* - Kuro5hin.org 04/09/2003
- *Interview with a Grandmother* - Linux Journal 01/10/2003
- *OEone HomeBase 1.0 Linux Review, Part II* - Linux Weekly News 05/02/2002
- *OEone HomeBase 1.0 Linux Review* - Linux Weekly News 04/04/2002
- *The age of innocence* - Federal Computer Week 12/21/2000
- *SSL isn't the only "Secure" protocol* - Federal Computer Week 07/06/2000
- *Use the Source, Luke* - Federal Computer Week 05/11/2000
- *The Web is no place for geek speak* - Federal Computer Week 03/09/2000
- *Linux in the U.S. Army* - Linux Journal 06/01/1996

## PROFESSIONAL AFFILIATIONS

- Member International Game Developers Association (IDGA), 10-present
- Member Association for Computing Machinery (ACM), 08-present
- Member US Internet Industry Association (USIIA), 99-02
- Member Association of Online Professionals (AOP), 94-99
- Member Capitol Area System Administrators (CASA), 95-99; Served as President in 1998

## INTERESTS

- Programming Languages
- Formula 1 Racing
- Japanese Professional Sumo
- F&SF Books, Movies and TV

## EDUCATION

### Game Software Development

Westwood College Online

Oct 2008 - Aug 2011

### Undergraduate

University of Maryland, Munich Germany

Jan 1982 - May 1982

### Undergraduate

Waynsberg College, Waynsberg PA

Aug 1981 - Dec 1981

## Undergraduate

University of Maryland, Munich Germany

Aug 1980 - Dec 1980

## REFERENCES

References available upon request.