

# Giorgos Keramidas

## Present Address

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## Email

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## Linked-In

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## Objective

To work in a challenging environment, with smart people who appreciate beauty and style in the programs we develop. To cooperate with people whom we share mutual respect & appreciation with, and have fun working with each other.

## Open Source Experience

**Contributor**, Mercurial SCM Oct 2006 - Present

- Automated test case development
- Automation of running the Mercurial test-suite
- Evangelism of Mercurial and other distributed SCM systems, among OSS/FS peers
- Support & documentation of newcomers to Mercurial
- Various minor bug fixes

**Contributor**, GNU Emacs Oct 2006 - Present

- Testing of GNU Emacs on FreeBSD and Solaris
- Port maintenance of GNU Emacs on FreeBSD

**Developer**, FreeBSD Project Sep 2001 - Present

- Port and maintenance of the Automated Testing Framework (ATF) from NetBSD to FreeBSD (2010-present).
- Technical writing for the manpages, and the online documentation of the FreeBSD Project (2001-present).
- Bug database administrator (retired).
- Technical writer, documentation translator, and team leader of the Greek documentation project (2003-present).
- Member of the FreeBSD Core team (2006-2010).

## Experience

**Site Reliability Engineer**, Google. October 2010 - Present

- Monitoring, maintenance, and development for Google applications. Focused on web search infrastructure.
- Oncall duty for Google's web search and support network.

**Sr. Software Engineer**, Niometrics. June 2009 - June 2010

- Designed, implemented, deployed and maintained parts of the build infrastructure for company products
- Implementation of SCM infrastructure (initially based on CVS, later on Mercurial)
- Developed network-traffic analysis & statistics tools
- Launched the manual & documentation effort for customer-visible releases
- Technical documentation writing for internally and externally visible tools
- ISO C conformance testing of UNIX-based programs

**Sr. Software Engineer**, Bytemobile, Inc. May 2004 - May 2008

- Analyzed and enhanced build-related infrastructure for products based on the Solaris 8 operating environment
- Developed release-building and development infrastructure for porting Solaris products from SPARC to amd64 and i386 architectures
- Design, implementation and sustaining of build- and release-related frameworks for Solaris 10 based products
- Implementation of SCM infrastructure (initially based on CVS, later on Perforce, Subversion and Mercurial)
- Overall UNIX setup & administration for BSD and Solaris systems

- Development of Solaris based kernel modules for network packet processing, tunneling and statistics' collection
- Technical documentation writing and evangelism of Wikis as a tool for internal documentation
- ISO C conformance testing of UNIX-based programs

**Software Engineer**, Cosmoline S.A. Mar 2001 - May 2001

- Implementation of a Java-based replacement of various legacy applications
- Proposal and implementation of a remotely accessible CVS server, for source code management
- Implementation of a semi-large Java-based aggregation application for telephony data collection (call duration, accounting of calls, etc.)

**Systems Administrator**, WestNet, S.A. Oct 1997 - Jan 1998

- Linux and Solaris server administrative work
- Main DNS & email administrator for Westnet and its hosted customer base
- Web development and custom application programming
- Maintenance and support of Windows workstations, for Westnet's employees

**Systems Administrator**, Civil Eng. Department Mar 1997 - Oct 1997

- Installation, support and maintenance of a UNIX lab (mostly HP/UX and Sun systems)
- Support for Windows clients of the UNIX lab

**Systems Administrator**, Comp. Eng. & Informatics Dept. Nov 1996 - Mar 1997

- Installation and maintenance of SunOS and Solaris systems
- Project-based programming for the UNIX servers of the Computing Center of the Computer Engineering & Informatics Department, University of Patras, Greece

## Communications Skills

### Languages

- Fluent in Greek (native language)
- CPE level in English

## Technical skills

### Operating systems

- I've worked briefly with DOS, Windows 3.X
- First UNIX system ever used was SunOS 4.3
- Promptly moved to Linux in 1995-2000
- Became a FreeBSD developer in 2000
- My work the last few years was mostly around Solaris and BSD systems

### Languages

- A lot of experience with ISO C90 / C99 and POSIX standards
- A bit of experience with C++
- A lot of experience with UNIX shell scripting languages, Perl, and Python
- Can grok and at least understand Java, PHP, Tcl, and several Lisp dialects

## Extracurricular activities

- A lot of my free/spare time is spent reading literature, and attending writing workshops
- Guitar playing, with a slight preference for Hispanic and Latin music, is another favorite past-time