

Oliver Vaughn Gould

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Objective To be a member of a small engineering team that uses Unix-like operating systems in the design and development of sophisticated technical solutions

Education STEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ
Currently pursuing Masters degree in Systems Engineering
B.S. in Computer Science, 2006, with Honors.
Awarded Edwin A. Stevens and Presidential scholarships (2003—2006).

Expertise

- *Platforms / Environments:* Mainstream Unixes, pkgsrc, Xen, pf, OpenVPN, OpenSSL, CVS/SVN
- *Programming Languages:* C, Python, SED, AWK, shells, PHP, Perl, Java
- *Markup Languages:* HTML/CSS, some XML (RSS), T_EX
- *Protocols / Services / Standards:* TCP/IP, DNS, SMTP (postfix), HTTP, SSH, SUSv3, POSIX

Experience GOOGLE, INC. & THE NETBSD FOUNDATION <http://code.google.com/soc/>
May 2007–Present
Summer of Code: *Porting ZFS to NetBSD*

- Coordinate with OS developers to port a storage pool kernel device from OpenSolaris & FreeBSD
- Document a plan to complete porting ZFS

STEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ
August 2005–Present
System Administrator, ISSA Scientific Computing & Infrastructure Technology.

- Administer 90+ NetBSD & 25+ Mac OS X workstations with over 1200 software packages
- Administer heterogenous platforms providing NIS/YP, NFS, HTTP(S), FTP, CVS, SMTP, POP3, and IMAP services
- Designed, deployed, and administered Media Arts Center lab containing 17 Mac OS X workstations with studio-grade A/V software and hardware
- Coordinated 10+ student aids who staffed labs and provided front-line support service
- Authored technical and non-technical documentation of deployments

May–August 2003–2005
Research Assistantship

- Profiled and analyzed legacy code to gain insight on design constraints
- Re-designed and implemented `Codeblue`, a MIDI effects processor and test-bed for Java and Bluetooth security research
- Authored design and code documentation for use by future researchers