

## Jan Schaumann

695 Connecticut St. #8  
San Francisco, CA 94106  
(415) 992-5809  
jschauma@netmeister.org  
<http://www.netmeister.org>

**EDUCATION:** CISCO SYSTEMS  
Cisco Certified Network Associate / CCNA (2005).

STEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ  
Master of Science in Computer Science (2004).

STEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ  
B.S. in Computer Science (2001).

PHILIPS-UNIVERSITÄT MARBURG Marburg, Germany  
M.A. studies in Contemporary German Literature and American Studies (1996-1998)

**SKILLS:** OS/ARCHITECTURES  
NetBSD, Linux (various distributions), IRIX, MacOS X some Solaris; amd64, x86, sparc, mips,  
PowerPC

SOFTWARE  
Fluent in all common unix userland tools including shell-scripting (sh, csh, ksh, sed, awk, regular  
expressions etc.), cvs, ssh, etc.;

PROGRAMMING AND MARKUP LANGUAGES  
C, Perl, shell, Java, PHP, Python, C++, SQL, some Tcl/Tk,  
LaTeX, HTML, some XML, some \*roff

PROTOCOLS, SERVICES AND STANDARDS  
TCP/IP, UDP, SNMP, HTTP, SMTP, NIS/YP, NFS, FTP, CVS  
Solid understanding of SUSv3  
Familiarity with routing and switching (Cisco, Extreme hardware).

LANGUAGES  
English (fluent), German (native)

Willing and able to quickly understand and learn other programming languages, software  
skills, protocols etc. based on solid Computer Science background, years of work experi-  
ence and general enthusiasm and personal interest in the area.

## PUBLICATIONS/TALKS:

“Useless Use of \*”, *SCALE5x*, February 2007

“Pondering Live CDs”, *BSDCan 2006*, May 2006

“NetBSD/SoC – Google’s Summer of Code within NetBSD”, *NYCBug*, October 2005

Report of EuroBSDCon 2004, *login: The USENIX Magazine*, February 2005

“pkgsrc - The NetBSD Packages Collection”, *NYCBug*, February 2005

“NetBSD/Desktop: Scalable Workstation Solutions”, *EuroBSDCon 2004*, October 2004

“Managing Third-Party Software Installation with pkgsrc”, *Sysadmin Magazine*, May 2003

“More than Word(s)” *Linux Journal*, November 2001

“Usenet is *still* a strange place”, *Linux Journal online*, February 2001.

“Using Linux to Develop Software for the Palm OS,” *Embedded Linux Journal*, November 2000.

## EXPERIENCE:

YAHOO! INC

Sunnyvale, CA

September 2006 until present

Senior System Administrator, System Architecture

Kept too busy writing configuration management and rapid deployment software, maintaining tens of thousands of hosts in dozens of datacenters around the world to write a detailed job description here. ;-)

STEVENS INSTITUTE OF TECHNOLOGY

Hoboken, NJ

September 2001 - July 2006

System Administrator

Administration of the Imperatore School of Sciences and Arts Scientific Computing resources, supporting some 3000 users; maintaining, in addition to about 85 NetBSD desktop workstations:

- main file-server (IRIX64 6.5), providing NIS/YP and NFS to all workstations via 2.5 TB fibre-channel RAID
- NetBSD mail server (postfix, POP, IMAP (imap-uw), SASL+TSL, procmail)
- NetBSD apache web server with multiple virtual hosts, interfacing with a dedicated PostgreSQL database server, offering https and a number of LAMP applications (wiki, RCS interface etc.)
- state of the art clustered High Performance Computing Facility (NetBSD), providing a large-scale parallel multi-processor environment (PVM, MPI, etc.)

- workstation configurations including over 1200 different software packages managed in a centralized build-environment
- dedicated FTP and CVS server
- Mac OS X based Arts and Technology laboratory (supporting applications such as Alias Maya, Final Cut Studio, Reason, LogicPro etc.), Mac OS X Server offering NFS access to additional 4.5 TB fibre-channel RAID
- scalable hardware replacement anticipating future needs
- draft proposals together with faculty for research grants (most recently Cisco's Biannual Competitive Equipment Donation Program)
- write, maintain and extend comprehensive technical documentation (for users as well as professional peers)
- port applications across different platforms (debugging of autoconf and make frameworks, perl-, python-, C-code)
- countless other tasks that fit no job description

STEVENS INSTITUTE OF TECHNOLOGY  
July 2003 - May 2006

Hoboken, NJ

Instructor Taught graduate level class "Advanced Programming in the UNIX Environment", based on the well-known book by W. Richar Stevens, covering such topics as the user/kernel interface, fundamental concepts of UNIX, user authentication, basic and advanced I/O, filesystem, signals, process relationships, and interprocess communication.

Developed from scratch and taught graduate level class "Aspects of System Administration", covering topics such as hardware configuration, operating system installation, shell programming, security policies, backup deployment and disaster recovery, network design, software installation and maintenance, operating system tuning. (This class played an important role in the certification of Stevens's Computer Science Department as an NSA Center of Academic Excellence in Information Assurance Education.)

ZENTROPY PARTNERS  
June 2000 - September 2000

New York, NY

Senior Programmer

SOLOMON R. GUGGENHEIM MUSEUM  
September 1999 - September 2001

New York, NY

Webmaster

**OTHER:**

Joined The NetBSD Project as a developer in 2002:

- ported NetBSD's pkgsrc tools to IRIX
- maintain several packages
- maintenance of the NetBSD website
- translation of the NetBSD website into German
- member of Communication Executive Committee
- member of Admins team

Member of USENIX and SAGE. (USENIX Campus Liaison 2005 - 2006.)

Member of EFF.