

Curriculum Vitae

Personal information

Name: Ed Schouten
Address: Falkenstraße 2
81541 Munich
Germany
Phone number: Germany: +49 172 1612609
The Netherlands: +31 6 21615824
Email address: <ed@80386.nl>
Date of birth: April 12th, 1986
Place of birth: Oss, the Netherlands
Nationalities: Dutch and Australian
Marital status: Single

Education history

Master Computer Science & Engineering

Institute: Eindhoven University of Technology
Period: August 2008 — March 2012
Master's thesis: Quality of alternative grid models

Bachelor Embedded Systems

Institute: Fontys University of Applied Sciences, Eindhoven
Period: February 2005 — July 2008
Bachelor's thesis: Redesigning FreeBSD's TTY layer

Employment history

Software engineer / Site reliability engineer

Employer: Google, Munich
Period: April 2012 — present

Software architect

Employer: Kumina bv, Eindhoven
Period: February 2011 — March 2012
Assignments: Designing a framework to manage Virtual Private Servers, including a Django-based web frontend for customers.
Reference: Tim Stoop
Phone number (office): +31 40 7470010
Email address: <tim@kumina.nl>

Instructor at University of Applied Sciences

Employer: Fontys University of Applied Sciences, Eindhoven
Department: Computer Science / Embedded Systems
Period: September 2008 — January 2011
Assignments: Giving bachelor courses on Linux software development and operating system design.

Intern at UNIX consultancy company

Employer: Snow bv, Geldermalsen
Department: Engineering
Period: February 2008 — July 2008
Assignments: Writing a new Open Source implementation of the FreeBSD kernel space TTY layer, with reduced latency and improved scalability and performance.
Reference: Jos Jansen
Phone number (office): +31 345 656666
Email address: <jos@snow.nl>

Intern at networking security company

Employer: TUNIX Internet Security & Education, Nijmegen
Department: Research & Development
Period: January 2007 — June 2007
Assignments: Research for applying Open Source virtualisation technologies for clustering TUNIX/Firewall systems. Development of HTTPS traffic screening module for existing HTTP proxy.

Skills

Languages

- Fluent in Dutch.
- Fluent in English.

Open Source activity

- Developer at the FreeBSD project since May 2008.
 - 2005: Coauthor of the Microsoft Xbox port of FreeBSD.
<http://svn.freebsd.org/changeset/base/152219>
 - 2008: Author of the kernel's TTY subsystem, present in FreeBSD 8.0.
<http://svn.freebsd.org/changeset/base/181905>
 - 2009: Original author of the 'ClangBSD' branch, aimed at replacing the GNU Compiler Collection with LLVM and Clang.
<http://wiki.freebsd.org/BuildingFreeBSDWithClang>
 - 2009: Author of the console driver's terminal emulator, called 'libteken'.
<http://svn.freebsd.org/changeset/base/186681>
 - 2010: Author of implementations of several POSIX APIs, including `<spawn.h>` and `<utmpx.h>`.
<http://svn.freebsd.org/changeset/base/179838>
<http://svn.freebsd.org/changeset/base/202188>
 - 2011: Coauthor of implementations of several ISO C APIs, including `<stdatomic.h>`.
<http://svn.freebsd.org/changeset/base/228862>
 - Mentor of various other FreeBSD developers and Google Summer of Code students.
- Author of Herrie, a text interface music player for various UNIX operating systems.
 - Application was awarded a third prize at Trophées du Libre 2007 in the category Multimedia & Games.
 - Website: <http://herrie.info/>

Miscellaneous

- Experience as treasurer and president of Dispuut Interlink, the UNIX users group at Fontys University of Applied Sciences, Eindhoven.
- Experience as a volunteer at Technisch Creatief Centrum Nijmegen, a youth centre, assisting secondary school students to develop software on UNIX-like systems.
- In possession of a driving licence for both cars and motorcycles.