

# Curriculum Vitae

## Personal information

**Name:** Schouten, Ed  
**Address:** Klinkerstraat 20  
5361 GW Grave  
The Netherlands  
**Phone number:** Home: +31 486 421797  
Mobile: +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 — February 2012 (*expected*)  
**Master thesis:** Algorithms for alternative terrain models

### Bachelor Embedded Systems

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

## Employment history

### Software engineer / Site reliability engineer

**Employer:** Google, München  
**Period:** April 2012 — present (*expected*)

### Software architect

**Employer:** Kumina bv, Eindhoven  
**Period:** February 2011 — March 2012 (*expected*)  
**Reference:** Stoop, Tim  
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:** Jansen, Jos  
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>
  - 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 student to develop software on UNIX-like systems.
- In possession of a driving licence for both cars and motorcycles.