

# CURRICULUM VITAE – SUNE KIRKEBY

---

## PERSONAL INFORMATION

Sune Kirkeby  
Living: Copenhagen, Denmark  
E-mail: [mig@ibofobi.dk](mailto:mig@ibofobi.dk)  
Web-site: [ibofobi.dk](http://ibofobi.dk)



I am a self-described hacker<sup>1</sup>. I am passionate about software development, always trying to improve the processes that support the development, and teaching myself new skills. I like to know as much as I can about the systems I work with; for example everything from the low-level implementation details of data-storage in databases, the details of network protocols, to how a browser renders a web-site. When not around a computer I read (mostly science fiction), cook and exercise (squash and swimming).

I currently live in the greater Copenhagen area, and work as a software developer at the network-security company CSIS. I hold a bachelors degree in computer science from the university of Copenhagen.

## SKILLS

**Software Development** I am used to both designing and implementing new systems from the ground up, and re-architect existing systems to improve them. This involves everything from unit-testing code, to designing database schemas, automating deployments and working with system administrators to estimate hardware needs.

**Databases** I have experience with SQL databases, key-value stores and various custom data-storage solutions optimized for a given problem.

**Programming Languages** Professionally most of my programming experience is in Python. I can read and write C code, shell scripts, and Perl. And I have some experience with Standard ML, Haskell and JavaScript.

## EDUCATION

**2008** Bachelor of Science in Computer Science from the University of Copenhagen.

**1998** Borupgaard Amtsgymnasium – High school.

## WORK EXPERIENCE

**2008** → **Present** Software Developer at CSIS A/S. My primary role is design and development of the backends for the Secure DNS and eCrime products. I have also worked to improve the in-house development processes, by introducing automated software testing and deployment, and daily scrum meetings.

**2007** → **2008** Software Developer at Netpointers Technologies A/S. My primary role was development of the in-house web-crawler and its customer-facing report-generating web-site. I was one of the primary developers designing and implementing a much-improved web-crawler backend.

**2005** → **2007** Part-time Systems Administrator at Netpointers Technologies A/S. My primary role was as Linux systems administrator, handling the daily running of the Linux-servers of the company. I created the backup and disaster

---

<sup>1</sup>hacker: n.; person who enjoys exploring the details of programmable systems and how to stretch their capabilities, [...] – [Jargon File](#).

recovery procedures, and configured the open source backup-software Amanda needed to support these. I also helped to configure and optimize the backend systems, primarily the Oracle and PostgreSQL databases used by the on-house web-crawler.

**2000 → 2005** Part-time Systems Administrator at <silvertag> / a-host.dk. My primary role was as Linux systems administrator, handling the daily running of the DNS, mail and web-servers of the company. I also did some in-house development of web-based systems to ease the configuration of the web- and mail-hosting business, and a custom spam and virus mail-gateway.

**1998 → 2000** Software Developer at Berlingske Online. My primary role was backend development for the web-sites of Berlingske Online: The on-line version of the Berlingske news-paper [www.berlingske.dk](http://www.berlingske.dk), the home-grown publication-system for [www.berlingske.dk](http://www.berlingske.dk), and the job-searching site [www.jobzonen.dk](http://www.jobzonen.dk). I also handled the system administration of the servers for the sites until a dedicated systems administrator was hired.

*Last updated 21. november 2010.*