

Jonas Termansen

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Google

- Currently a Software Engineer at Google Aarhus, Denmark.
- Working on the Engineering Productivity Team, maintaining the system that benchmarks the performance of the Dart programming language.

Bachelor of Computer Science

- Completed Bachelor's Degree in Computer Science in June 2016 at the University of Aarhus.
- Elective courses in functional programming (introduction and techniques), static analysis, language-based security, and others.

Sortix Operating System

- Developed a self-hosting and installable Unix-like operating system from scratch since 2011 with over 169k lines of source code.
- Implemented a kernel, drivers, a standard library (libc) and the base system using POSIX and hardware specifications. The kernel is written in C++ and user-space is in C.
- Ported over 60 pieces of third party software including gcc, python, git, make, and quake.
- Released Sortix 1.0 in March 2016.

Teacher's Assistant

- Worked as Teacher's Assistant in the Programming Languages and the Operating Systems courses for a total of 150 hours.
- Taught around 25 students during weekly exercises and graded their homework.

Open-Source

- Worked on Gnash as part of the Google Summer of Code program.
- Contributed miscellaneous patches to open-source projects such as get-text, Git, gnumlib, LibreSSL, Mesa, Mono, OpenSSH, and Wayland.
- Maintains a cleaned up fork of zlib.

Skills

- Programming languages: C (expert), C++ (experienced), Dart (experienced), Scheme (experienced), Java (experienced), Python (basics), Coq (basics), PHP (basics).
- Tools: Linux, git, shell scripting, make, \LaTeX , and more as needed.
- Focus on simplicity, correctness and security.