

Jonas Termansen

Phone Website Email Twitter Freenode
+45 20711856 maxsi.org sortie@maxsi.org @sortiecat sortie

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.

Student Programmer

- Worked on a N-atom Network simulation program for the Institute of Physics and Astronomy. Cleaned up the C source code and added a small language to express mathematical functions.

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, gnuilib, LibreSSL, Mesa, Mono, OpenSSH, and Wayland.
- Maintains a cleaned up fork of zlib.

Skills

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