

Sundell Software

Jari Sundell

Software Developer

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Profile

Jari Sundell is a software developer with a strong focus on UNIX derived systems with an education in computer science from the University of Oslo.

Skills

- Fluent in english, norwegian and intermediate in japanese language.
- Numerical computation, algorithm analysis and design, parallel and networked
- UNIX/Linux/POSIX, iPhone, ARM micro-controller and low-level programming
- C/C++/Obj-C, assembler
- Specialized in C++ STL, creation of equivalent containers/algorithms, template meta-programming, low-cost or overhead free abstraction of interfaces.
- Automake tools, Xcode, shell scripting

Experience

Programmer, Techni AS, <http://techni.no>

Summers of 2004 and 2005.

- Implementation of monitoring program and communication protocol for imported air-condition units.
- Implementation of SMS control mechanism for air condition unit.

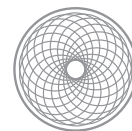
Programmer, Free Software project 'RTorrent', <http://libtorrent.rakshasa.no>

Author of a BitTorrent P2P file-sharing program for Unix based systems. Optimized for high-bandwidth connections and recognized as the fastest seeding client. From 2004 to present.

The project is partially the result of an experimentation with the use of modern C++ programming techniques and what could be described as the writing of clean or beautiful code. These include refactoring techniques that improve code readability, maintainability and efficiency.

Experience gained include:

- Creation a non-trivial library API and client.
- High-performance networking and storage access using epoll/kqueue and mmap.



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- Experience porting and working around problems for a multitude of unix derived platforms including ARM based linux routers, Solaris and others.
- Classifying and working around problems caused by a wide range of compiler versions and resulting bugs, kernel file system and memory management bugs.
- Dealing with a sizable user community.

Education

University of Oslo, Norway

Bachelor in Computer Science, from 2001 to 2007

Minor in Japanese Language, from 2005 to 2008

Josai International University, Japan

Studying for a Master in International Administration, from 2008 to now

Intensive Japanese Language Course, from September 2007 to July 2008

Tokkai University, Japan

Intensive Japanese Language Course, from September 2006 to January 2007

Referrals

Available upon request.

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