

Curriculum Vitae for Pontus Freyhult

Contact information:

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Fields of interest:

High performance computing, Parallel computing, Fault tolerant design, Commodity cluster design, High availability design, Free software

Work experience and major achievements:

Systems developer, Umeå university Ladok division, 2008-

Main responsibilities: Software configuration management, customer and developer support.

Systems developer, Uppsala university IT Support department,
2003-2008

Main responsibilities: Operations of various public net services and administrative systems.

Designed and built a scalable, high availability mail server cluster for the university's e-mail service. (2006, part of team; three members.)

Built a high performing, highly scalable, high availability clustered file distribution service for the SUNET (Swedish University computer NETWORK) archive. (2004, part of team; three members.)

Systems developer, Uppsala university Department of information sciences, 1999 – 2002

Main responsibilities: Site network, computer security for the site. Operations and support of the department's UNIX servers, general support for faculty.

Designed and implemented a universal file service for the site with native file serving to Windows, MacOS X, MacOS 7-9 and Solaris as well as remote access through a custom built web interface (1999.)

Education:

Master of Science, Computer Science, 2004

Maîtrise d'Informatique - Université d'Aix-Marseille II, 1998

Programming skills:

Languages in which I have extensive experience includes: C, Python, C++, POSIX sh, Java, elisp, Perl and various assembler languages.