

Anders Selander

Career Objective

Either a position as Senior Software Developer or as Senior System Administrator.

Qualifications Summary

- Skilled in imperative/objective-oriented (assembler, C, C++, Java, Pascal, Perl, Python, Ruby), functional (Erlang/OTP, Haskell, LISP, ML, OCaml), and relational (Prolog) programming, enabling me to easily switch to new languages. Most fond of—and fluent in—high-level languages such as Ruby, Perl, and Python.
- Experienced in a wide range of computer platforms (SunOS, Solaris, AIX, IRIX, a number of Linux distributions, FreeBSD, and MS-DOS/Windows) and applications (compilers, databases, etc)
- Strong communication skills, especially in writing (minutes, reports, papers, guides, tutorials, etc).
- Experienced system administrator, primarily of Linux clusters.
- Seasoned support expert, in local, national-wide, as well as international settings.
- Pedagogical skills, useful in support work.
- Experienced in Grid Computing and Grid Middlewares.

Experience

April 2009 - present *Senior Infrastructure Technician*
Unibet, Stockholm, Sweden

The plan is currently that I will be caretaker of load balancers (primarily BigIP) and the SAN. This section will, of course, need to be updated and expanded once my responsibilities at Unibet have been finalized.

June 2008 - April 2009 *Systems Administrator*
Diino AB, Stockholm, Sweden

Operating, monitoring, and maintaining Unix and Linux systems, databases, networks, storage infrastructure, and high-availability solutions. Involved in the ever ongoing development, refinement, and optimization of the integrated infrastructure. Regularly providing on-call, out-of-hours emergency cover of all systems. Task owner of the monitoring of the new system and disaster recovery backups of both the new and the legacy systems.

Aug 2001 - June 2008 *Programmer, Systems Engineer, Systems Manager*

Royal Institute of Technology, Centre of Parallel Computing, Stockholm, Sweden

Responsible for the hard- and software infrastructure for the fifth International Summer School on Grid Computing, which PDC hosted at the Red Cross Centre in Mariefred in July 2007. Deputy Manager and Support Expert of the Regional Operational Centre for Northern Europe (Nordic, Baltic, and BeNeLux countries) within the European EGEE grid project. System manager of the local EGEE/LCG grid-cluster. Regularly responsible, a week at a time, for the handling of all to PDC incoming user support requests (creating accounts, debugging faulty programs, installing software, monitoring schedulers and clusters, etc). Maintained DB2 and RasDaMan databases of brain scans. Implemented, using ODBC and CORBA, a database interface enabling client applications to be written in C, Java, Perl, and Ruby. Designed a web-interface for use of the database. Re-targeted the web-interface to the later deployed PostgreSQL database.

Oct 2000 - Jul 2001 *Open Systems Consultant*
Raditex AB, Nacka, Sweden

Consulting:

Mar 2001 - Jun 2001, **Ericsson Telecom AB**, Stockholm, Sweden

Recreated, pinpointed, and remedied reported faults within the Erlang parts of the ENGINE Access Ramp system.

Nov 2000 - Feb 2001, **Ascom-Tateco**, Gothenburg, Sweden

Customised a solution, based on Ascom's embedded Linux system for communication with DECT telephones and pagers, for one of Ascom's customers.

Course Instructing:

Nov 2000, **Volvo**, Gothenburg, Sweden

Held a course in introductory C-programming.

Feb 2000 - Sep 2000 *Technical Developer*

Virtutech AB, Stockholm, Sweden

Renovated two corporate websites, i.e., given a design layout and the texts, formed maintainable, CVS:ed, SSI:ed hierarchies of valid HTML 4.0 and Perl CGI:s. Integrated a third part credit card processing solution with the Virtutech web store and wrote the backend for automatic logging and error handling of received orders, and on-the-fly generation and email delivery of purchased licenses to web shoppers. Etc.

Aug 1999 - Jan 2000 *Master's Project Worker*

Ericsson Utvecklings AB, Älvsjö, Sweden

Investigated and implemented optimizations such as function inlining in the compiler of the Erlang programming language.

Jun 1997 - Jul 1999 *Teaching Assistant*

Umeå University, Department of Computing Science, Umeå, Sweden

Tutored students and graded exercises in the courses Programming Methodology (Programmeringsmetodik A, 8p), Computer Science (Datavetenskap A, 20p), Programming Language Concepts (Programspråksteori B, 5p), Object Oriented Software (Objektorienterad programvaruutveckling C, 5p), and Operating Systems (Operativsystem C, 5p).

Education

Aug 1993 - Jan 2000

Master's programme in Computing Science and Engineering, Umeå University, Umeå, Sweden (civilingenjörsprogrammet i teknisk datavetenskap).

Majoring in Software Engineering. Minorng in Parallel Computing. Only one Master's Thesis Project report short of a degree.

Aug 1990 - Jun 1993

Senior Secondary School, Östra gymnasiet, Umeå, Sweden.

Course Programme: Natural Sciences, profiling in Computer Orientation.

Miscellaneous

May 2005 - January 2008

Member of the Executive Board of my Co-operative Building Society (bostadsrättsförening), Brf Barträdet (192 apartments). Responsible for the electronic reservation system for the laundry rooms, tanning bed, Sauna, and "hotel room". Handling the procurement of a fiber-optic network to our buildings (in-house LAN).

Oct 2001 -

Participated as proofreader and chapter maintainer in the international co-operative effort to produce an English translation of "Développement d'applications avec Objective Caml" ("Developing Applications With Objective Caml") by Chailloux, Manoury, and Pagano, published by O'Reilly France in 2000.

Language Proficiency

Swedish (native), English (fluent), German (intermediate, but improving thanks to my German wife).

Recreation

Reading books, hang with the gang, exercise for health, juggle, cook, sometimes even a little sketching, travel, and visit historical sights.