



Landskrona 29 March 2001

CURRICULUM VITAE

CONSULTANT:

Lars Gustafsson

Born: 1961

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EDUCATION:

- 1977 - 1981 4 years of High School in Helsingborg, Electrical Engineering.
- 1982 - 1983 Military service, Engineering Corps.
- 1984 Course in Programming and System Management (Hewlett-Packard).
- 1985 - 1989 Bachelor of Arts degree in Computational Linguistics, Lund University, Dept. of Linguistics and Phonetics.
(Computational Linguistics, Computer Science, Electronic Engineering, Digital Technology, Electrical Measurements, Automatic Data Processing and Logic.)

EXPERIENCE:

- 1982-85 **Järnkonst AB**, Landskrona.
System Manager and Programmer for the HP-1000 Real-Time system at the Lighting Laboratory. Software and custom hardware design for motion control and data acquisition.
Tools: *Fortran*, *HP-Basic*.
- 1988 **Lund University**, Department of Linguistics and Phonetics.
Software design and programming for the SWETRA project for automatic translation and natural language generation.
Tools: *Prolog*.
- 1989 **Carnegie-Mellon University**, Pittsburgh, USA.
Software design and programming for the RADAR project for natural language generation from radar pictures. Presented at the Nordic Symposium of Computational Linguistics in Reykjavík.
Tools: *Prolog*.
- 1990 **Volvo Data**, Göteborg.
Co-author, study of knowledge-based machine translation, speech-to-speech translation and neural networks.
- 1990 **Göteborg University**, Department of Computational Linguistics.
Consultant in charge of the educational program in Logic programming.
- 1990-93 **BusinessMaker AB**, Lund (co-owner).
Development of software systems for economic, dental and healthcare administration.
Tools: *Modula-2*, *C*, *SQL*.
- 1993-98 **INEQ AB**, Landskrona (co-owner).
Development of an administrative software system for physicians and health centres.
Tools: *C*, *C++* and *SQL*-databases.

Development of Internet system.

Tools: *Java, HTML.*

Lund University Hospital, Department of Clinical Chemistry.

Development of software for managing analysis of blood and serum samples.

Tools: *VAX/VMS, Fortran, SQL (RDB).*

Thorn Lighting, Landskrona.

Development of software for electrical and optical data acquisition, database storage and calculations.

Tools: *C, HP-UX, Visual Basic 5, MS Access.*

1998

Bofors Underwater Systems, Landskrona.

Development of real time systems for offshore oil prospecting applications.

Tools: *PIC-C, PIC-Assembler.*

1999

Bofors Underwater Systems, Landskrona.

Hardware verification and software development of real time systems for military applications.

Tools: *PIC-C, PIC-Assembler.*

Thorn Lighting, Landskrona.

Development of software for goniophotometer motion control and optical data acquisition and calculations.

Tools: *C, HP-SICL.*

2000-2001

Ericsson Mobile Communication, Lund.

Programming and troubleshooting software for mobile phones.

Tools: *Visual Studio, C, PVCS, Clear Case.*

SKILLS:

Platforms:

Mac OS & OS X
Linux, BSD, HP-UX
DOS, Windows 95/98 & NT
Enea OSE, HP RTE-A

Development Tools and Programming Languages:

C, C++, Visual C++, Java, JavaScript, AppleScript, SQL, Pascal, Modula2, Assembler, Visual Basic, VBScript, PVCS, Clear Case, Pearl, Basic, Microsoft Win32, Metrowerks CodeWarrior, MPW, File Maker, HTML, WAP, CGI, Shell script, gcc, g++

Current Work:

Development, support and marketing of the AXEPT system for physicians and health centres in the self owned company ApparatKonsult, since 1998.

Consulting, mostly in embedded systems software.

Operating and managing multiple virtual domain web and mail servers, on BSD and Linux servers.

Security Clearance:

Holds Swedish Secret Service clearance, Class 3, for work on classified projects.

Languages:

Swedish, English, German