CV

Daniel Dencker

Daniel Dencker is a Master of Science in Engineering Physics with 30 years of experience in various forms of system development. He runs his own consulting company, Dencker Development AB.
Daniel has primarily worked in smaller companies, where tasks vary and work methods and routines are developed as needed. This experience has given him insights into the entire product development chain, from idea to finished product.
Most of his projects have involved product development, focusing on areas such as embedded systems, measurement technology, mathematical modeling, and algorithm development. Daniel has mainly worked with software development but also has experience in electronics design and mechanics.
Daniel is married and has three daughters. He lives in Dalby, in southern Sweden with his wife. His children are now adults and have moved out.

EXPERIENCE, TECHNOLOGIES, AND TOOLS:

Over the years, Daniel has worked with the following programming languages, techniques, tools, etc.:

Programming Languages: C, Assembler, LabVIEW, Matlab, Octave, C++, C#, Python, Pascal, BASIC, Fortran, PL/M-86

Web: HTML, PHP, MySQL, JavaScript, jQuery

Operating Systems: Linux, Windows

Version Control: RCS, PVCS, ClearCase, CVS, Subversion, Git

Electronics Design: EAGLE, CircuitMaker/CircuitStudio (Altium), KiCad

Processors: Renesas, Microchip, Intel, Motorola, Atmel, STM, ESP

Automation: Codesys, Festo, Siemens, WinCC

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EMPLOYMENT:

2018–Present **Dencker Development AB**
Consultant in systems development, working in his own company. Focus on Life Science.

2004–2018 **Servotek AB**, later **Autosober AB**
Development Engineer responsible for software, electronics, and mechanical parts for an alcohol analyzer that measures alcohol content in exhaled air. Daniel, together with other engineers and researchers in a small team, developed the alcohol analyzer from a lab prototype to a finished product and contributed to research on measuring alcohol in exhaled air. The alcohol analyzer measures extremely quickly, accurately, and without a mouthpiece, and has been successfully used for sobriety control in traffic.

2001–2004 **Dencker Development**
Consultant in systems development in his own company.

1998–2001 **Combitech Systems AB**
Consultant in systems development, focusing on software development for embedded systems.

1996–1998 **Volvo Aero Turbines AB**
Calculation Engineer in the field of combustion engines.

EDUCATION:

1991–1996 University
Master of Science in Engineering Physics, Lund University, Faculty of Engineering.

1996 Thesis
Lund University, Faculty of Engineering, Department of Electrical Measurement Technology, and Lund University Hospital, Department of Radio Physics. Development of an electrical impedance meter for research on the possibilities of diagnosing cancer through electrical impedance measurement.

1994–1995 Military service
Medical Technician, Södertälje and Lund University Hospital.

1987–1990 High School
Technical Program with Electrical orientation, Tycho Brahe School in Helsingborg.