

# David Nilsson

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## Education

2009-2014 (expected) **Bachelor's and Master's degree in Computer Science, KTH, Stockholm, Sweden.**

2006-2009 **Technical track, High School, Oskarshamn, Sweden.**

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## Knowledge

Languages C, C++, Haskell, Java, Python, Verilog

Areas: Low-level software development, security, software design, functional programming

Architectures: X86, AVR, NIOS II, FPGA, GPU (CUDA)

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## Work experience

February 2012 – September 2013 (excl. two month break) **Embedded developer, Optistring Technologies AB, Stockholm.**

- o Focus on developing next-generation solar inverters in a small but highly skilled startup.
- o Design, implementation, verification, and troubleshooting of embedded systems.
- o Also work with connecting systems, such as embedded linux and data feeds in python.

January 2012 – February 2012 **Consultant in Embedded development, Stockholm.**

- o Design and implementation of embedded software, libraries och visualization tools.
- o Work with RF connectivity and various sensors.

Summer 2011 **Salary administration, Elajo Invest, Oskarshamn.**

- o Routine work with salaries.

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## Languages

Fluent in both English and Swedish.

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## Other

- o Portfolio with open source projects - <https://github.com/davnils>
- o Blog on theoretical computer science - <http://davnils.github.com>