

Mikael Ivarsson

1984-11-16

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Work Experience

Alstom (previously Bombardier Transportation) Hardware Design Engineer	Nov. 2011 – Present Västerås
Enics (currently GPV) Component Engineer	Jun. 2008 – Nov. 2011 Västerås
Uppsala University Teacher, Computer Aided Electronic Design	2009 Uppsala
Sandvik Steel Mill Operator	Summers 2005-2007 Sandviken
Stora Enso Pulp Electrician	Summer 2003 Norrundet
Stora Enso Timber Fireguard	Summer 2002 Norrundet
Gavlegårdarna Caretaker	Summer 2001 Norrundet

Education

Mälardalen University B.Sc. in Mechatronics	2005 - 2008 Västerås
Forsmarks Skola, currently Vattenfallgymnasiet Natural Science Program, High School	2001 - 2003 Forsmark

Separate Courses

AGSTU (remote) VHDL-programmer, 75 YHp, 2023
Uppsala University (remote) Elementary Music Theory, 7.5hp, 2019 Object-Oriented Programming in Java, 10p, 2017 Object-Oriented Programming Using C++, 10p, 2016
Örebro University (remote) Sound Engineering II, 7.5p, 2016 Sound Engineering I, 7.5p, 2016

Additional Experiences and Certificates

Swedish Armed Forces Military Service, Systems Engineer	2004 - 2005 Boden/Östersund
Electrical Safety CPR Soldering ESD awareness European Driving License ABE Forklift A2, A4, B1 Remote controlled crane	

Technical Skills, Language Skills, and Interests

Electronics, skills: Digital and Analog, VHDL
Electronics, Tools: Altium, Kicad, Xpediton, LTspice
Programming Languages: Python, C, C++, Java
OS: Linux, Windows
Version Control: Git, Subversion
Writing: Office, \LaTeX
Languages: Swedish (native), English (fluent)
Interests: Music, motorbikes, nature