

Mikael Ivarsson

1984-11-16

<https://www.linkedin.com/in/mikael-ivarsson-38089b43>

ivarsson.one

mikael@ivarsson.one, 070 51 59 819

Profile

Experienced Electronics Engineer specialized in Industrial Electronics and Embedded Systems, with a focus on Lifecycle- and Obsolescence Management. Bridging experiences from both EMS (manufacturing) and product design/ownership perspectives.

Technical Skills, Language Skills, and Interests

Electronics, skills: Vast experience in Industrial Electronics Development and Maintenance, Lifecycle Management, Digital and Analog Electronics Hardware, VHDL

Electronics, Tools: Altium, Kicad, Xpediton, LTspice

Mechanics, skills: Some experience designing for 3D-printing and simpler details to be used in electronics enclosures.

Mechanics, Tools: SolidWorks, FreeCAD

Programming Languages: Python, C, C++, Java

OS: Linux, Windows

Version Control: Git, Subversion

Writing: Microsoft Office, $\text{\LaTeX}$

Languages: Swedish (native), English (fluent)

Interests: Music, motorbikes, nature

Work Experience

Robot System Products

Electronics Development Engineer

Jan. 2025 – Present

Västerås

Alstom (previously Bombardier Transportation)

Hardware Design Engineer

Nov. 2011 – Dec. 2024

Västerås

Enics (currently GPV)

Component Engineer

Jun. 2008 – Nov. 2011

Västerås

Uppsala University

Teacher, Computer Aided Electronic Design

2009

Uppsala

Various Summer Jobs 2001 – 2007

Steel Mill Operator (Sandvik), Electrician (Stora Enso Pulp), Fireguard (Stora Enso Timber), Caretaker (Gavlegårdarna)

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 ABEC

Forklift A2, A4, B1

Remote controlled crane