MAXIMILIAN STIEFEL

Teach Lead, Electrical Engineer & Programmer

@ stiefel.maximilian@online.de \$\scimes+46 72 082 4849
♥ Born 05.04.1994 in Stuttgart, Germany \$\% Website

Spånstigen 2, 89241 Domsjö, Sweden 🐨 Side projects



EMPLOYMENT

Project Manager BAE Systems Hägglunds Since October 2022

💡 Örnsköldsvik 📒

Technical Program Manager: Leading all technological development of the CV90 export variant for Switzerland (Schützenpanzer 2000), overseeing both the midlife upgrade (NUV - Nutzungsverlängerung) and maintenance/modification projects. Budget: approx. SEK 250e6.

Subsystem Manager: Responsible manager for a subsystem in all CV90 IFVs, the Diagnostic Information System (DIS), guiding the software team in rapid feature development for multiple projects while addressing bug reports via Scrum's fortnightly releases. Support engineers in creating customized DIS hardware for each export version. Budget: approx. SEK 40e6.

NL MLU	CH NUV	FIN MLE	ISO 26262

cLLD

Embedded Engineer Tecan

🛗 September 2018 - September 2022 💡 Männedorf 🛨

Software Engineer: In charge of requirements, work estimation, SW architecture / detailed design, implementation, integration, CI/CD, V&V support / guidance, risk management (safety classification), software release (git), release documentation and transfer to production of a 50k LOC C++ firmware platform running on a dozen different hardware modules.

IEC 62304

Fluent[®] Automation Workstation

Electronic Engineer: Primarily responsible electronic engineer for the development of a new liquid handling robotics platform optimized for PCR involving the design of the entire cable tree, PCBs and entire modules, safety and EMC testing, communication with suppliers, evaluation and choosing of 3rd party devices, test fixture fabrication comprising hardware and software.



IGLOO2 FPGA Bare-metal C VHDL Designspark

FREE-TIME ACTIVITIES

Running Weight training Tinkering Hiking Renovating my cabin

PROGRAMMING/DIGITAL DESIGN



EDUCATION

M.Sc. in Embedded Systems Uppsala University, Sweden

🛗 August 2016 – August 2018

B.Eng. in Electrical Engineering Baden-Württemberg Cooperative State University, Friedrichshafen, Germany

🛗 September 2013 – September 2016

Specialization: Communication Engineering

LANGUAGES

German	
English	
Swedish	
Dutch	
French	

MOST PROUD OF

December 2023: Demonstrating strong capabilities in maximizing the product 's value for the customer **armasuisse** while getting paid for it and being subsequently promoted.

UJuly 2020: One of the inventors of a **Tecan patent**. Background: **Augmented reality** w/ eye tracking.

March 2018: My first commit is accepted and becomes part of the (perhaps) most-popular SDR development platform, GNURadio.

May 2017: Main author of a scientific publication about ultra low-power wireless communication presented at the Swedish National Computer Networking Workshop 2017 (SNCNW).

PNovember 2017: My team and I won the **Swedish Embedded Award** (25 000 kr) with our biosensor at the **Embedded Conference Scandinavia**.

*****March 2013: First place in the technology category in the biggest youth science and technology competition in Europe **"Jugend forscht"**, Friedrichshafen, Germany.