Jacob FORSELL
Electrical Engineering | Student 5th year

in linkedin.com/in/jacobforsell   📱 +46 702785302

@ jacobzeforsell@gmail.com   📍 Lund, Skåne, Sverige

I am a master student in my 5th year studying electrical engineering specializing in software engineering with an emphasis on communications system and embedded systems. I have a strong commitment for personal growth and currently I am working with software in a part-time position, occasional voluntary work and also side-projects. I enjoy tackling open-ended problems that demands nuanced thinking and the ability to make well-informed decisions to optimize solutions. My educational background is primarily in software engineering, but I consider myself a versatile problem-solver who is highly adaptable and has excellent social skills. I aim to be a strong hybrid candidate that can meet your organization's expectations and needs.

🎓 EDUCATION

2019 - Ongoing	Master of Science in Engineering, Electrical Engineering at Lunds Tekniska Högskola (LTH)
2015-2018	High School Diploma, Natural Science at Sigtunaskolan Humanistiska Läroverket (SSHL)

💼 EXPERIENCES

Ongoing
August 2023

Intern - Baseband developer, ERICSSON, Lund, Sweden
My previous summer work spawned a project which I am now responsible for. Now working part-time parallel to my ongoing studies.

August 2023
June 2023

Summer Internship R&D, ERICSSON, Lund, Sweden
Only intern in allocated NR/5G L1 Embedded SW team, serving as baseband developer. My work was mainly related to Ericsson's software tracing.

`Python` `Java` `C` `Gerrit` `Jira` `Software development methodologies`

Today
November 2020

Home guard soldier, THE SWEDISH ARMED FORCES, Sweden
Currently working as a Home Guard soldier within a Rapid Response unit in addition to my ongoing studies.

`Teamwork`

December 2022
January 2022

President of the student council, E-GUILD, LTH
President of the student council, monitoring the programs electrical engineering (Elektroteknik) and bio-medical engineering (Medicin och teknik) at LTH and leading a group of 27 members. In addition to this role, I was a member of the board at the E-guild. I have other experiences working in the E-guild, such as working as a developer.

`Leadership` `Project & Team Management` `Public speaking` `Time management` `Process improvement`

May 2019
August 2018

Reconnaissance soldier, THE SWEDISH ARMED FORCES, Sweden
Reconnaissance soldier trained for subarctic conditions at I-19 regiment, Boden.

`High pressure environment` `Quick thinking` `Teamwork` `Discipline`

☰ COMPETENCES

Programming	**Java**, C, **Javascript**, CSS, HTML, Python, React, Rust
Query languages	MySQL, SQLite
Frameworks	NextJS, SvelteKit
Operative systems	Windows 7, Windows 10, **Arch Linux (EndeavourOS)**
Development	Eclipse, **Visual Studio Code**, **Vim**, **Gerrit**, Jira, GitLab, **git**, Docker
Languages (fluent)	Engelska, Svenska
Driver's license	Driver's license class B

💻 PROJECTS

TO BE ANNOUNCED   2023 FEB - ONGOING

Full stack project aimed towards all students and employees at LTH. At this moment I cannot disclose more than this. This project started February 2023 and is currently in development.

`SvelteKit` `Typescript` `Javascript` `SQLite` `Full stack`