



# Marcus Döberl

Final year M.Sc student

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## ABOUT ME

Final year M.Sc student in Information Technology, specializing in Secure Systems. I am a curious and driven individual with a passion for learning and problem-solving. Currently seeking job opportunities to apply my knowledge and skills in a dynamic and innovative environment.

## PROGRAMMING LANGUAGES

Assembler, Basic C++, C, C# .net, Golang, Java, JavaScript, Matlab, Python, SQL, TypeScript, Wolfram.

## EDUCATION

### M.Sc Information Technology, Linköping's University

August 2020 — Present

Final Year M.Sc student with a specification in Secure Systems.

Read interesting courses like:

- Ethical Hacking
- Digital Forensics and Incident Response
- Secure System
- Software Testing

## EMPLOYMENT HISTORY

### UPSALES LINKÖPING

#### Software Developer - Summer intern

June 2024 — August 2024

I was part of the summer intern team that developed and implemented a shared platform to simplify building integrations with Upsales CRM. To achieve this, we built a JSON-based tiny language that significantly reduced the time needed to create new integrations.

### SCANIA, SÖDERTÄLJE

#### Software Developer, Summer Intern

June 2023 — August 2023

Summer internship at Scania where I developed a tool for the VTAB (Virtual Truck and Bus) simulation environment that made it easier to specify the simulation environment.

#### Summer Internship

June 2022 — August 2022

Summer internship at the Industrial IT department at Engine Processing, where I developed a program that sorted the entire IT-bill to reduce unnecessary costs.

#### Cylinder liner

##### Team leader

March 2020 — July 2020

I was promoted to team leader due to my improvement work in standardizing 5S processes.

#### Machine Operator

August 2019 — March 2020

I worked as a machine operator where we manufactured cylinder liners and was the first department at Scania to implement 5S to improve efficiency and increase quality.

## PUBLICATIONS

### Chain-Sawing: A Longitudinal Analysis of Certificate Chains, IFIP Networking.

June 2024

First author together with York Wangenheim. [View here](#)

### The Shifting Web of Trust

June 2023

Bachelor thesis, nominated for best thesis award. [View here](#)

## PERSONAL PROJECTS

### Personal sever

- I host my own server running Proxmox (a virtual machine manager).
- On that server, I self-host three websites using Nginx and Docker, a media server much more

### Smart Plant Monitoring System

- Designed and built my own smart soil measurement system using an esp32 with a soil sensor and Raspberry Pi.
- Using the Raspberry Pi I can send notifications to my phone about the status of the plant.

For more projects visit my personal [website](#)

## EXTRACURRICULARS

### Pub Committee

August 2022 — Present

- Rewrote the committee's website.
- Once a month, we plan and organize a pub event featuring various foods from around the world.

### Web responsible

July 2021 — July 2022

- Rewrote the committees website in react.
- Planned and organized the dart competition DÖMD, which is the largest amateur dart event in the Nordic with 128 teams of 4 persons.

## LANGUAGES

- Swedish - native
- English - fluent

## REFERENCES

Provided on request