



LUCAS STRÖMBERG

SOFTWARE ENGINEER

TECHNICAL SKILLS

C++, C, Python, C#, Java, MATLAB

Agile Development (Scrum, Kanban)

Git, Jira, Jenkins

LANGUAGES & OTHER QUALIFICATIONS

- Swedish, native language

- English, fluent

- B driver's license

WORK EXPERIENCE

Software Engineer • Saab AB • Aug 2021 – Current

Developing signal processing software in C++ for radar warning receiver and electronic support systems. Responsibilities also include systems engineering, requirement management and documentation.

Employed at Talangjägarna AB while attending part-time in Saab's Academy Program during my first year.

Master Thesis • Synective Labs AB • Jan 2021 – June 2021

Optimizing Convolutional Neural Networks for Inference on Embedded Systems.

TA & Part Time Job • Uppsala University • Jan 2020 – June 2021

Teaching Assistant for Automatic Control I, Modelling of Dynamic Systems, Statistical Machine Learning at the Division of Systems and Control.

Later contributed to restructuring laboratory work, including programming a MATLAB GUI and developing a control card device (PCB design).

Summer Internship • Cybercom Group (Knowit) • -17, -18, -19

Various tasks in Python, Java, Android and C#/.NET during the first two summers. Performed an independent IoT related project during the third.

EDUCATION

Master's Programme in Engineering Physics • Uppsala University • 2016 – 2021

Major in Embedded Systems.



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ADDITIONAL EXPERIENCE

Head of Electricity Management and Volunteers • Polhacks 2019, Uppsala Union of Engineering and Science Students • Oct 2018 – May 2019

Polhacks is the student union's yearly gaming festival. I trained and oversaw approximately 40 volunteers at the event.

Head of International Affairs • Föreningen Uppsala Tekniska Fysiker • Jan 2018 – Dec 2018

Responsible for distributing information from the union about exchange studies to all Engineering Physics students.

Propaedeutic Teacher in Mathematics • Engineering and Computable Science Reception 2018 • Mar 2018 – Sep 2018

Delivered ten lectures on essential mathematics to a class of approximately 25 newcomer engineering students. This role also involved training in pedagogy.

STANDALONE COURSES

Embedded Linux Basics • Codiax • Oct 2023

Comprehensive course with both presentations and exercises on Linux basics, specifically targeted for applications in embedded systems.



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