

OSKAR PHILIPSSON

PERSONAL DATA

EMAIL: oskar.philipsson@gmail.com
GITHUB : <http://github.com/skaphi>
WEBSITE: <http://oskarphilipsson.se>

WORK EXPERIENCE

AUGUST 2023 - CURRENT	Software developer at Ericsson Developing new features for the 5G baseband in a cross-functional team. Development is mainly in C and C++ but testing is done in Erlang and Python as well
JANUARI 2023 - JUNE 2023	Masters thesis at Ericsson Developing a new GNSS positioning engine based upon assistance data distributed by Ericsson. Achieved 20 cm level accuracy. Python and C++
SEPTEMBER 2022 - DECEMBER 2022	Research intern at Ericsson Maintained and developed demo GNSS clients. Involved a lot of Linux and some C++ programming.
JUNE 2022 - AUGUST 2022	Summer internship at Nira Dynamics Developed internal tools in Python and C/C++
JULY 2019 - AUGUST 2019	Drone show project at Saab and Dyno Robotics, Linköping The goal was to autonomously fly 20 quadcopters at the same time in formations. Worked mostly with programming in Python and Unity

TEACHING EXPERIENCE

JAN 2022 - JUNE 2022	Lab assistant in introductory python course. I assisted and examined students in the basics of python.
JULY 2020 - NOVEMBER 2020	Lab assistant in introductory electronics courses at Linköping University I assisted and examined students in constructing and analyzing electronic circuits.
SEPTEMBER 2019 - DECEMBER 2019	Mentor in Linear Algebra at Linköping University, Linköping Tutored students with focus on concepts and discussions.

EDUCATION

AUGUST 2018 - JUNE 2023	M.Sc in Applied Physics and Electrical Engineering Linköping University Master in Control and Information Systems
AUGUST 2015 - JUNE 2018	Natural Sciences program , Holavedsgymnasiet, Tranås Took extra classes in Programming Diploma project, <i>A Study of the Mpemba Effect</i> GRADE: 21.98 / 22.5

SKILLS

Proficient: C, C++, Rust, Python, Linux, Nix/NixOS, Signal processing, Sensor Fusion

Familiar: Erlang, micro controllers ROS2, Machine learning,

PROJECTS

Check out my website for some of my portfolio projects: <http://oskarphilipsson.se/projects>

INTERESTS AND ACTIVITIES

Technology, Open-Source, Programming, 3D-printing

Electronics: **Chairman of the electronics association** at Linköping University.

Web development: Active in the **web development group** in my section at the university.