

SIMONE FERLIN

Software architect

simone@ferlin.io ferlin.io <https://www.linkedin.com/in/simoneferlin>

+46 72 507 8897

Stockholm

EXPERIENCE

Software architect

Ericsson AB

Dec 2020 - Ongoing Sweden

- Cloud and kubernetes performance networking and observability, CNCF
- University collaborations, research proposal elaboration and writing

Senior research software engineer

Ericsson AB

Aug 2018 - Dec 2020 Sweden

- Cloud and kubernetes performance networking and observability, CNCF, cloud infrastructure for 5G RAN
- Research in transport protocol evolution, IETF prototype and 3GPP standardisation, university collaborations, research proposal elaboration and writing

Visiting researcher

Internet Initiative Japan (IIJ)

July 2017 - Sept 2017 Japan

- Analysis of Internet big datasets
- Investigation of trends in new user behavior, applications and traffic for a backbone provider

Technical security consultant

IBM Security

Apr 2016 - July 2018 Norway

- Security Information and Event Management (SIEM) specialist
- Collaboration with IBM's product development and security research teams for data analysis
- Public outreach in IBM's blog

Research and development engineer

AnsuR AS

Sept 2016 - Mar 2017 Norway

- Product specialist for the "AIR smart networking" product. Product demonstration and development in Python and C++

Visiting researcher

Nokia Bell-Labs

Dec 2015 - June 2016 Ireland

ACHIEVEMENTS



Technical coordination of a H2020 proposal at Ericsson AB

Coordinated the writing and technical direction for research funding between internal and 7 external stakeholders.



CSBC 2019 conference in Belem, Brazil was a success

I was co-chair of a workshop co-located to the conference about Internet standards, and was particularly proud of making it accessible to undergrad students.



Ph.D. degree

During my Ph.D. I was invited to Sydney, Dublin and Tokyo for research stays. Four publications were the result of my work, including a patent at Nokia Bell-Labs.

SKILLS

Project Management

Data analysis

SCRUM

Data engineer

OpenTracing

Software development

Python

Linux network programming

C++

Kubernetes

GIS

Mentoring of students

Public speaking

Project fund acquisition

Statistical analysis and modelling

LANGUAGES

German



English



Portuguese



Spanish



Swedish



EDUCATION

M.Sc. Geographic Information Systems

- Algorithm development to improve data transmission in mobile networks
 - Patent formulation and filling
 - Scientific publication and tool development for data analysis
-

Visiting researcher

NICTA

📅 Feb 2015 – July 2015 📍 Australia

- Algorithm development and evaluation to improve scheduling
 - Participation in Internet standardisation
 - Scientific publication, tool development for data analysis
-

Ph.D. Candidate

Simula research laboratory

📅 June 2012 – June 2017 📍 Norway

- Norwegian research council funded project to increase robustness of data transmissions
 - Improved Internet experience for devices with multiple Internet connections
 - Scientific publications in top-tier venues and public speaking
 - Supervised and mentored bachelor and master students
-

PUBLICATIONS

I keep my publications update in my Google scholar
September, 2020: h-index: 14, i10-index: 15

Lund universitet

📅 Mar 2020 – Ongoing 📍 Online

Ph.D. Computer Science

University of Oslo

📅 June 2012 – June 2017

Thesis title: Making MPTCP work over heterogeneous wireless networks

Dipl.-Ing. Information Technology

Friedrich-Alexander Universität

📅 Sept 2004 – Dec 2010