# SIMONE FERLIN

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## EXPERIENCE

### Software Researcher

**Ericsson**   📅 01/2020 - Ongoing   📍 Stockholm, Sweden

Company Description
- System (eBPF, LTTng), and cloud performance observability (OpenTracing) and traceability.
- Performance in kubernetes networking
- ORAN Alliance, CNCF, 5G virtualized RAN (vRAN)
- University/external collaborations

### Experienced Researcher

**Ericsson**   📅 08/2018 - 12/2019   📍 Stockholm, Sweden

- Internet transport protocol evolution prototype and standardization
- University collaborations, research proposal elaborating and writing coordination for H2020 and Marie Curie programs
- Ericsson Response volunteering in communications for humanitarian relief together with partners such as ETC, WFP, etc.

### Visiting Researcher

**IIJ Innovation Institute**   📅 07/2017 - 08/2017   📍 Tokyo, Japan

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

### Technical Security Consultant

**IBM**   📅 04/2017 - 07/2018   📍 Oslo, Norway

- Security Information and Event Management (SIEM) specialist
- Collaborated with IBM's product development and security research teams for data analysis and public outreach via blog articles

### Research and Development Engineer

**AnsuR Technologies**   📅 09/2016 - 03/2017   📍 Oslo, Norway

- Product specialist for the "AIR smart networking" product
- Demonstrated the product to the public
- Development in Python and C++ based on customer requirements

### Visiting Ph.D. Researcher

**Bell Labs**   📅 12/2015 - 06/2016   📍 Dublin, Ireland

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

### Visiting Ph.D. Researcher

**NICTA**   📅 02/2015 - 07/2015   📍 Sydney, Australia

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

### Ph.D. Candidate

**Simula**   📅 06/2012 - 09/2016   📍 Oslo, Norway

- Resilient networks project to increase robustness of data transmissions
- Improved Internet experience for devices with multiple connections
- Scientific publications in highly regarded venues and public speaking
- Supervised and mentored bachelor and master students
- Teaching experience

## ACHIEVEMENTS

💬 **CSBC 2019 conference in Belem, Brazil was a success**

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

📘 **Technical coordination of a H2020 proposal at Ericsson**

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

💎 **Ph.D. degree and studies**

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.

## EDUCATION

### Ph.D. Communication Networks

**University of Oslo**

📅 2012 - 2017

### Dipl.-Ing. Information Technology

**University of Erlangen-Nuremberg**

📅 2004 - 2010

### MSc Geographical Information Systems

**Lund University**

📅 2020 - Ongoing

## SKILLS

Project management   Data analysis

SCRUM   Data engineer   Report writing

Software development   GIS   Statistics

Mentoring of students   Public speaking

Project fund acquisition

### Speaks and writes fluently

Portuguese   English   German