

## PERSONAL INFORMATION

Year of birth : 1996  
Nationality : Norwegian  
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Research group : Circuit and Radio Systems  
Work address : Norwegian University of Science and Technology (NTNU)  
Faculty of Information Technology and Electrical Engineering (IE)  
Department of Electronic Systems (IES)  
O.S. Bragstads Plass 2B  
NO-7491 TRONDHEIM  
NORWAY



## EDUCATION

2023 - Now **Norwegian University of Science and Technology**, PhD Candidate  
Project: Designing an ultra linear Digital-to-Analog converter (DAC) in 130 nm Bulk CMOS.

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2021 – 2023 **Norwegian University of Science and Technology**,  
Master's degree - Electronic Systems Design - Analog specialization  
Thesis title: Design and implementation of a 0.01 mm<sup>2</sup> current-mode temperature sensor in 22 nm FD-SOI with a sensing range of -40 °C to 125 °C and 6.3 nW at 0.8 V

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2018 – 2021 **University of Stavanger**,  
Bachelor's degree - Control Engineering and Circuit Design  
Thesis title: Interface for wireless communication and power transfer

## EXPERIENCE

January 2022 – July 2023 **Norwegian University of Science and Technology**,  
Teaching Assistant in the following courses:

- TTT4203 - Introduction to Analog and Digital Electronics
- TFE4187 - Analog CMOS 1
- TFE4188 - Advanced Integrated Circuits

Assisting the students with their exercises, correcting assignments, making exercises, lecturing, follow up on my students' progress, and leading other assistants.

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June 2022 – November 2022 **Nordic Semiconductor**, Analog Layout Designer

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May 2021 – August 2021 **Easee AS**, Summer Intern - Embedded Hardware  
Research into possible new features for their EV charger

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August 2019 – August 2020 **University of Stavanger**,  
Student Assistant in the following courses:

- DAT110 - Introduction to Programming (Python)
- ELE100 - Electrical engineering 1
- ING100 - Introductory course for engineers (MATLAB)

Assisting students with exercises, correcting assignments, solving problems on the blackboard, and making solutions.

June 2014 – May  
2021

**Roxar Flow Measurement AS,**

- First 2.5 years as an apprentice in computer electronics
- Production Technician Onshore & Offshore
- Assistant at the engineering and development department

Soldering, producing, and testing electronics, making procedures, coordinating, and planning of production. Testing and qualification of new software.

## ABOUT ME

My main interests lie in electronics, programming, design in general, 3D drawing, and teaching. Even though I studied for a master's within electronics, I usually spend my leisure time on programming. Mainly due to my interest in programming I easily get used to different programs. I speak both Norwegian and English fluently, and I am currently learning Japanese. I work well both in teams and alone, though I do prefer to work in teams due to the social aspect and the possibility to discuss the work at hand.