

SONDRE LINDSTØL LYGSTAD

@srlyng@gmail.com 94845006 Stavanger, NORWAY Sondre Lyngstad



I am passionate about working with technology, electronics, automation, and signal processing. Innovation and development are some of the most exciting things I can do!

LEADERSHIP, PROJECTS & SERVICE

Bag-of-Words Document Classification with Feedforward and Recurrent Neural Networks

University of Stavanger

January 2025 – June 2025 Stavanger

- Developed a multi-class text classifier in Python using feedforward and recurrent neural networks (LSTM/GRU) to predict research fields from scientific abstracts.
- Implemented TF-IDF and pre-trained embeddings (Word2Vec, GloVe, FastText), experimenting with sequence aggregation and network architectures to optimize model performance.

Propulsion System Engineer

UiS Aerospace

January 2024 – June 2024 Stavanger

- Designed and developed a propellant supply system for UiS Aerospace's in-house 3D-printed rocket engine.
- Conducted the full process from theoretical design and simulation to physical construction and testing..

Board Member, ISI Student Association – representing Master's students in Robotics & Signal Processing, Computer Engineering, and Data Science

University of Stavanger

August 2024 – Present Stavanger

- Co-responsible for initiatives supporting student well-being within ISI.
- Contribute to strategic decision-making as part of the board.
- Lead all promotional activities, including event marketing, digital outreach, and branding.

HMKG – Military Service

The Armed Forces

April 2020 – April 2021 Oslo / Elverum

- Responsible for security of royal residences and rapid response to incidents in Oslo.
- Trained in crisis management, teamwork, and operational readiness under high-pressure situations.

PHILOSOPHY

"You get what you work for, not what you wish for."

EDUCATION

Specialization in Science Studies

Greveskogen vgs

August 2016 – June 2019

Bachelor's in Electronics and Automation

University of Stavanger

August 2021 – June 2024

Master's in Robotics and Signal Processing

University of Stavanger

August 2024 – Ongoing

SKILLS

MATLAB Simulink Simscape

Mathematics Sysmac Studios

Control Systems/Engineering Python

Electronics Problem Solving

LANGUAGES

Norwegian ● ● ● ● ●

English ● ● ● ● ●

German ● ● ● ● ●

CERTIFICATIONS

- Driver's License, Class B
- Boating License / Certificate
- Lifeguard Certification

WORK EXPERIENCE

Salesman – Full-time

Ut På Tur

📅 June 2025 – August 2025 📍 Tønsberg

- Summer position at Ut På Tur in Tønsberg, where I worked as a salesperson responsible for customer service, product recommendations, and sales of clothes and hiking equipment.

Private teacher – Part-time

Stavanger Municipality

📅 January 2025 – June 2025 📍 Stavanger

- Mathematics tutoring for university and high school students

Student Assistant – Part-time

University of Stavanger

📅 January 2024 – June 2024 📍 Stavanger Municipality

- Reducing the workload of lecturers by assisting students during exercises and grading assignments.

Loadmaster – Summer job

Helitrans AS

📅 June 2024 – August 2024 📍 Sandefjord/Sauda/Stavanger

- Loading/unloading firefighting helicopters, refueling, and assisting pilots with various tasks.

Lifeguard – Part-time

Stavanger Municipality

📅 January 2022 – June 2024 📍 Tastad

- Supervising swimmers, handling emergencies, and performing lifesaving/first aid as needed.

Factory Worker – Summer job

Nortura AS

📅 June 2023 – August 2023 📍 Tønsberg

- Factory worker in the packing department of Nortura AS, better known as Gilde.

School Assistant – Full-time

Tønsberg Municipality

📅 September 2019 – April 2020 📍 Tønsberg

- Supporting teachers and students during lessons, with a focus on students with special needs.

PERSONAL INTERESTS

Golf (30 HCP)

Padel Tennis (Smasher)

Chess (1650 ELO)

Frisbee Golf

Football (Manchester United Fan)

Hiking

REFERENCES

Jon Arne – Contact Person, Helitrans

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Daniel Varminggen – Leader of Uis Aerospace

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Knut Hovland – Assistant manager Ut På Tur

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