

Erlend Nonaas Lokna

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09.05.1999



EDUCATION

- 8.2015 - 6.2018 **High school** at Haugesund Toppidretts Gymnas (HTG)
Focus on Sport and Science. (Studiespesialisering med toppidrett)
- 8.2018 - 6.2019 **Folkehøgskole** at Lofoten Folkehøgskole
Focus on artic outdoor activities with surfing and skiing as my main activities
- 8.2019 - date **MSC** at Norwegian University of Science and Technology, NTNU
Study: Physics and Mathematics. Specialising in Applied Mathematics. Expected end date: 6.2024
- 9.2022 - date **Erasmus** at Instituto Superior Técnico, IST
Study: Applied Mathematics and Computation, 2 semesters.

WORK EXPERIENCE

- 9.2013 - 2.2015 **Basketball Coach** for Haugesund Basketball club, HABA
- 6.2016 - 8.2017 **Service** at Sildajazz festival
Sold tickets for the festival during the summers.
- 8.2018-8.2018 **Backstage** for Sildajazz festival.
Transported instruments.
- 6.2019-8.2019 **Healthcare worker** for Stølsberg Botiltak, Tysvær kommune
Worked for people with Downs-syndrome and autism. Mostly night shifts
- 6.2020 - 8.2020 **Service** for Haukeliseter Fjellstue, DNT Stavanger.
Worked as a waiter serving food and cleaning the restaurant
- 12.2020 - 1.2021 **Healthcare worker** for Stølsberg Botiltak
- 8.2020-8.2021 **Volunteer Structural Engineer** for PropulseNTNU.
Performed aerodynamic calculations, trajectory analysis and material design for the supersonic sounding rocket Stetind.
- 6.2021-8.2022. **Restaurant assistant** for Haukeliseter Fjellstue, DNT. Seasonal work during summers.
Cooked food and cleaned the resturant
- 8.2021-8.2022 **Volunteer R&D Manager and Board member** for Penumbra at PropulseNTNU
Lead a team of 8 student software developers and theorists. Worked on the trajectory simulator-software Penumbra. Written in C++ and JavaScript.

Also took part in the administrative aspect of Propulse NTNU.

8.2022 - date **Volunteer Mentor** for Penumbra at PropulseNTNU

8.2022 - date **Teaching assistant** at the course Termo dynamics at Høgskolen Vestlandet

SKILLS AND QUALIFICATIONS

Programming Languages

Advanced skills Python, C++, R

Basic skills JavaScript, React, Django, C, C sharp, Julia

Softwares

Advanced skills Word, Excell

Basic skills Ansys Fluent, Catia 3D, Openfoam, Unity, Photoshop, After Effects

Languages

Native tongue Norwegian

Advanced English

Basics German

Beginner Portuguese

Certificates

Drivers License class B

First Aid 4 day course

INTERESTS

Hiking, Running, Skiing, Surfing, Rocketry, Aerodynamics, Mathematics, Software development, Simulation development, Data analysis, Linux