

Erlend Nonaas Lokna

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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 - 2.2023 **Erasmus** at Instituto Superior Técnico, IST
Study: Applied Mathematics and Computation

WORK EXPERIENCE

- 6.2023-8.2023 **Summer Internship** for Otovo
Gained experience developing software using the Django framework
- 8.2022 - 12.2022 **Teaching assistant** at the course Termo dynamics at Høgskolen Vestlandet
- 8.2022 - 6.2023 **Volunteer Mentor** for Penumbra at PropulseNTNU
- 8.2021-8.2022 **Volunteer R&D Manager and Board member** for Penumbra at PropulseNTNU
Led a team of 8 student software developers. Worked on the trajectory simulator-software Penumbra. Gained skills within Javascript + React, Django, C++ and Python. As well as leadership skills and experience working in a interdisciplinary group of engineers
- 6.2021-8.2022. **Restaurant assistant** for Haukeliseter Fjellstue, DNT. Seasonal work during summers.
- 8.2020-8.2021 **Volunteer Structural Engineer** for PropulseNTNU.
Performed aerodynamic calculations, trajectory analysis and material design for the supersonic sounding rocket Stetind. Gained experience working in interdisciplinary groups and analytic skills with the use of Python
- 6.2016 - 8.2017 **Service** at Sildajazz festival
Sold tickets for the festival during the summers.
- 6.2019-8.2019 **Healthcare worker** for Stølsberg Botiltak, Tysvær kommune
Worked for people with Downs-syndrome and other difficulties. Mostly night shifts

12.2020 - 1.2021 **Healthcare worker** for Stølsberg Botiltak

8.2018-8.2018 **Backstage** for Sildajazz festival.
Transported instruments.

9.2013 - 2.2015 **Basketball Coach** for Haugesund Basketball club, HABA

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