

Aron Widforss

Résumé

+47 45 73 23 53

+46 76 847 32 45

aron@antarkt.is

Driver's license: B, S (NO)

Drone license: A1, A3



Professional Experience

- June 2020– **Senior Engineer**, *Norwegian Water Resources and Energy Directorate (Varsom.no)*.
Senior engineer: Feb. 2025–. Permanent employment: June 2022–. Full time: Aug. 2021–.
- Develops software that facilitates avalanche observation and forecasting, e.g. systems relating to snowpack modelling and the *Varsom field observation app*.
 - Enables 3rd party data integration, e.g. by developing the *regobslib* Python package used by Norwegian researchers.
 - Editor for the *Guide for field observations and assessments of avalanche danger*.
 - Forecasts lake ice hazards for the national natural hazards forecasting service, *Varsom*.

Volunteering

- Aug. 2023– **Search and Rescue Dog Handler Recruit**, *Norwegian Search and Rescue Dogs*.
Oct. 2021– **Search and Rescue Corps Member**, *Norwegian Red Cross*.

Education

- Aug. 2016–Oct. 2021 **Master of Science in Computer Science and Engineering (5 academic years)**, *Luleå University of Technology*.
- Master thesis: *Teaching machines to recognise avalanche conditions*.
 - Bachelor thesis: *Avalanche visualisation using satellite radar*.

Professional Training

Norwegian Search and Rescue Courses, *Norwegian Red Cross*.

- Feb. 2025 **Avalanche rescue operations leader (Fagkurs skred)**
Nov. 2024 **Intermediate first aid (VFØR)**
Oct. 2022 **Qualified rope rescue**
Sept. 2022 **Qualified ATV**

Rope Access Courses, *Swedish Speleological Society*.

- Jan. 2025 **Single rope technique 1**

Swedish Avalanche Courses, *SVELAV*.

- Jan. 2024 **SVELAV Advanced avalanche rescue**
Nov. 2021 **SVELAV Weather**
Feb. 2021 **SVELAV Pro 2 — Avalanche technician**

NVE Avalanche Courses, *Norwegian Water Resources and Energy Directorate*.

- Mar. 2023 **4B — Intermediate avalanche field observation**
Feb. 2023 **Pro 2B — Avalanche emergency preparedness**