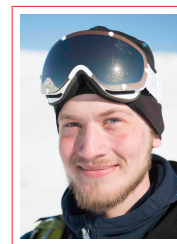


# Aron Widforss

## Resumé

+47 457 32 353  
aron@antarkt.is  
Driver's license: B  
Drone license: A1, A3



## Professional Experience

- June 2020– **Natural Hazards Forecaster and Software Developer**, *Norwegian Water Resources and Energy Directorate*, Narvik.  
Developing products to utilize ESA satellite imagery in natural hazards forecasting services. Part of the Regobs team, developing a field observation database with web and app clients. Also developing machine learning tools for the avalanche forecasting service.
- Sep. 2019–Mar. 2020 **Software Developer — Avalanche Forecasting Service**, *Swedish Environmental Protection Agency*.  
Part time. Development of an avalanche observation database and a remote avalanche detection systems using satellite-borne radar.

## Volunteering

- Oct. 2021– **Search and Rescue Corps**, *Norwegian Red Cross*, Narvik.

## Education

- Aug. 2016–Oct. 2021 **Master of Science in Computer Science and Engineering (5 academic years)**, *Luleå University of Technology*, Luleå.
- Master thesis: Teaching machines to recognise avalanche conditions.
  - Bachelor thesis: Avalanche visualisation using satellite radar.
- Includes 30 ECTS in geographic information systems and cartography.

## Professional Training

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

Mar. 2023	<b>Pro 2A — Avalanche Field Observation (4B)</b>	Myrkdalen
Feb. 2023	<b>Pro 2B — Avalanche Emergency Preparedness</b>	Gardermoen
Jan. 2023	<b>Pro 1 — Avalanche Terrain Navigation (3B)</b>	Jostedal
Apr. 2022	<b>Swiftwater Safety</b>	Hønefoss
Dec. 2021	<b>Pro 1 — Avalanche Field Observation (4A)</b>	Hemsedal

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

Oct. 2022	<b>Qualified Rope Rescue</b>	Narvik
Sept. 2022	<b>Qualified ATV</b>	Narvik
Oct. 2021–Jan. 2022	<b>Qualified SAR (KFØR, KSAM, KSOR)</b>	Narvik

### Swedish Avalanche Courses, *SVELAV*.

Nov. 2021	<b>SVELAV Weather Workshop</b>	
Feb. 2021	<b>SVELAV Pro 2 — Avalanche Technician</b> CAA ITP Avalanche Operations Level 1.	Kittelfjäll
Jan. 2021	<b>SVELAV Pro Avalanche Rescue</b>	Kittelfjäll
Feb. 2018	<b>SVELAV Pro 1</b>	Hemavan