

# Aron Widforss

## Resumé

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## Professional Experience

- 2020– **Avalanche Warning Service**, *Norwegian Water Resources and Energy Directorate*.  
Part time, remote internship. Development of tools for avalanche forecasting.
- 2019–2020 **Avalanche Forecasting Service**, *Swedish Environmental Protection Agency*.  
Part time, remote internship. Development of remote avalanche detection systems.
- 2018–2019 **Technical Helpdesk**, *Metria*.  
Part time. Technical support of geographical information systems.
- 2017–2018 **Teacher's Assistant**, *Luleå University of Technology*.  
Lab assistant for two computer science courses (D0015E and D0010E).
- 2014–2016 **Junior IT Helpdesk**, *ABB Industrial High School*.  
Full time. Both helpdesk as well as some system administrative tasks.

## Presentations and Posters

- 2020 **Virtual Snow Science Workshop**.  
Norway's operational avalanche activity monitoring system using Sentinel-1.
- 2019 **Skredkonferansen**, Voss.  
Remote avalanche detection and integration with field observation data.
- 2019 **Swedish Polar Research Secretariat & Crown Princess Victoria**, Stockholm.  
Remote avalanche detection.

## Education

- 2016– **Master's Programme in Computer Science and Engineering**, *Luleå University of Technology*.  
240.5 of 300 ECTS completed (December 3, 2020).
- 2016–2019 **Bachelor of Science in Computer Science and Engineering**, *Luleå University of Technology*.  
Degree project: Avalanche visualisation using satellite radar.  
180 ECTS whereof 30 ECTS in geographical information systems and cartography.
- 2018 **SVELAV Pro 1**.  
Avalanche course for guides.
- 2017 **SVELAV Friåkning 1**.  
Avalanche course for recreational skiers.