

Aron Widforss

Resumé

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Experience

Personal Projects

2017– **Avanor.**
Software for remote detection of avalanches using satellite-borne synthetic aperture radar (<https://avanor.se>).

Professional

2019– **Avalanche Forecasting Service**, *Swedish Environmental Protection Agency*.
Part time and remote. Development of methods to facilitate remote avalanche detection in daily avalanche forecasting operations.

2019 **Space Innovation Summer**, *LTU Business*, Luleå.
Summer project. Business development regarding remote avalanche detection.

2018–2019 **Technical Helpdesk**, *Metria*, Luleå.
Part time. Support of the Swedish Environmental Protection Agency's geographical information systems.

2014–2016 **Junior IT Helpdesk**, *ABB Industrial High School*, Västerås.
Full time. Both helpdesk as well as some system administrative tasks.

Volunteering

2015–2019 **Accredited Instructor**, *The Scout's Leadership College*.
Teached leadership, outdoor and mountain leader courses for scout leaders.

Education

2016– **Master's Programme in Computer Science and Engineering**, *Luleå University of Technology*.
196.5 of 300 ECTS completed (September 30, 2019).

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**, Hemavan.
Equivalent to the Canadian Avalanche Association's Avalanche Operations Level 1.

2017 **SVELAV Friåkning 1**, Abisko.
Equivalent to Avalanche Canada's Avalanche Skills Training 1.