

# Nozhan Balafkan

Email: nozhanb@gmail.com | Country of residence: Norway

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## Education

2016 - 2018	Master of science in physics (energy and climate), University of Tromsø, <b>Norway</b>
2014 - 2015	One-year post-master research in computational astrophysics, Saint Mary's University, Halifax, <b>Canada</b> .
2011 - 2013	Master of science in physics, International Physics Studies Program, University of Leipzig, <b>Germany</b> .

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## Work Experience

2020 - present	Data Scientist at StormGeo (Norway/Bergen)
2019 - 2020	Data Scientist at Capgemini (Norway/Oslo)

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## Computer Skills and Certificates

- Programming language: Python, C++, Bash, Fortran
  - Python packages: Scipy, Numpy, NumPyro, JAX, Pytorch, TensorFlow, Pandas, Matplotlib, Scikit-learn, Scikit-image, Emcee, GeoPandas, shapely
  - Softwares: QGIS, ESRI ArcGIS
  - Version control system: Git
  - Data visualization: Matplotlib, Houdini
  - Certificates:
    - AWS cloud practitioner ([AWS](#))
    - Convolutional Neural Networks ([Coursera](#))
    - Structuring Machine Learning Projects ([Coursera](#))
    - Neural Networks and Deep Learning ([Coursera](#))
    - Improving Deep Neural Networks; hyper-parameter tuning, regularisation and optimisation ([Coursera](#))
    - Deep learning A to Z (Udemy)
    - Machine learning A to Z (Udemy)
    - GIS Data Formats, Design and Quality ([an ESRI ArcGIS series](#))
    - Fundamentals of GIS ([an ESRI ArcGIS series](#))
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