

Nozhan Balafkan

Email: nozhan.balafkan@gmail.com | Country of residence: Norway

Education

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

Work Experience

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

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 Certified Machine Learning - Specialty (in progress)
 - 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](#))
-