


Peyman Kor

Data Scientist / M.Sc in Mathematical Modeling
and Computation / M.Sc in Engineering 

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*A Highly-Motivated Graduate with Analytical Mind Passionate
about Application of Descriptive and Predictive Analytics to Make
Better Decisions in Engineering and Technological Processes.*












Profile

I enjoy working with complicated analytical challenges, brainstorming novel ideas, curious of solving real-world problems, and delivering high-quality solutions. I am both a highly-collaborative team player with enthusiasm to work independently and flexible attitude accustomed to working in agile development environment.






Education

- 2019–2020 **M.Sc Student**, *Mathematical Modeling and Computation*, Technical University of Denmark, DENMARK.
Project: Bayesian Framework for Weight Uncertainty in Neural Networks - Pytorch Framework
- 2017–2019 **Master of Science**, *Process and Petroleum Engineering*, University of Stavanger, NORWAY.
Grade: AB
Final Project:, Decision-Driven Data Analytics for Well Placement Optimization in Field Development Scenario - Powered by Machine Learning.
Award, Best Poster Award for M.Sc Thesis, 2nd Award for "Best Poster Presentation" at European Student Congress, Poland.
- 2011–2016 **Bachelor of Science**, *Petroleum Engineering*, Petroleum university of Technology, IRAN.
Grade: A

Work Experience

- Jan-present **Data Scientist**, *Decarbonify*, Oslo, Norway.
2020  **Responsible** for the Data and Analytic section of early stage startup with mission of providing carbon analytic and monitoring for enterprises to achieve the carbon neutrality. .
- Jun-Aug **Data Scientist Intern**, *AKER BP*, Stavanger, Joint Project UiS/AKER BP.
2019  **Developed** a cloud-based web dashboard for VOI Calculation in Management Decision Making, .
-  **Developed** a cloud-based web dashboard for Geostatistical Estimation of Geological Properties, .
-  **Developed** a cloud-based web dashboard for Probabilistic Reserve Evaluation, .
- Sep-Apr **Research Assistant**, *University of Stavanger*, Master Thesis.
2018-2019  **Involved** in "Decision-Driven Big Data and Analytics for the Digital Subsurface" DIGIRES Project.
 **Published** M.Sc Thesis in "Decision-Driven Data Analytics for Well Placement Optimization in Field Development Scenario - Powered by Machine Learning", .

Technical Competence

-  Data Importing, Processing, Visualization, Reporting
-  Decision Analysis, Stochastic Optimization, Advanced Linear Algebra
-  Statistical Modeling, Predictive Analytic, Time Series Analysis
-  Business Intelligence, Web Dashboard Development, Deployment
-  Feature Engineering, ML Model Development, Model Evaluation

Data Science & ML Skills

Portfolio of my data Science Projects are available here: [Github Link](#)

Programming	R (Tidyverse, Rdatatable, Shinyapp, Rmarkdown), Python (Pandas, Numpy, Scikit-learn, Tensorflow,Plotly), SQL (SQLite, MariaDB), Big Data (Spark, Pyspark, Rdatatable)
Machine Learning	Pytorch (CNN, GAN, RL, CUDA), R (XGBoost, CARET), AutoML (H2O)
Cloud Services	AWS (S3, Query), GCP , Google Colab
Others	Version Control (Git, Github), MATLAB , LATEX

Licenses and Certifications

Python Basics, Coursera, University of Michigan - **Mathematics for Machine Learning: Linear Algebra** Coursera, Imperial College London - **The Data Scientist's Toolbox**, Coursera, Johns Hopkins University

Data Science Specialization , Coursera, Johns Hopkins University , in progress.

Python 3 Programming Specialization , Coursera, University of Michigan, in progress.

Mathematics for Machine Learning Specialization , Coursera, Imperial College London.

Honors and Awards

- Sep 2019 **Innovation Hackathon Prize**, *Technical University of Denmark*, Copenhagen.
 - **Awarded** First prize of DKK 100,000 for proposing a digital dialogue tool for new parents
- Jun 2019 **Most Integrated International Student**, *University of Stavanger*, Stavanger.
 - **Awarded** "Most Integrated International" Student at Institute of Energy Resources, Class 2019.
- Apr 2017 **Full Erasmus Mundus Scholarship**, *European Commission*.
 - **Awarded** admission to join the MathMods MSc program with a full Erasmus Mundus scholarship.

Extracurricular Activity

R Celebration Conference , *Copenhagen*.

Volunteered to assist during celebration for 20th anniversary of R programming language.

SDG Student Ambassadors DTU , *Copenhagen*.

Ambassadors to mobilize and inform students from all disciplines about the Sustainable Development Goals.



DTU Volleyball Team, *Copenhagen*.

Official member of Technical University of Denmark (DTU) team attending the regional competitions.

TEDxStavanger Volunteer, *Stavanger*.

Assigned to provide the latest news and update about TEDx Stavanger event (June 2019) in the official twitter of TEDx Stavanger.

Conference Presentation

- Jun 2019 **81st EAGE Conference and Exhibition**, *United Kingdom*, London.
 - **Presented**, "Data Analytics for Field Development Optimization-Powered by Machine Learning", 
- Jun 2019 **79th EAGE Conference and Exhibition**, *France*, Paris.
 - **Presented**, "Development of a New Model for Quantifying of Asphaltene Deposition", 

Languages

English (Fluent), Norsk (Intermediate), Danish (Elementary), Turkmen (Native), Persian(Fluent)

Journal Publication (Citations=62, h-index=4)

Five Journal Papers in Peer-reviewed Journals

Citations=62, h-index=4 (Jan 2020)

Link [Google Scholar Profile](#) 

Recommendation-Available upon request