

Delft, The Netherlands
Professional Experience: 8 yrs
EU Work-permit: yes
Work Style: Freelancing

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Dr. Bijan Ranjbar

Freelance Data Scientist and Machine Learning Expert

PERSONAL SUMMARY

I'm a pragmatic and interdisciplinary data scientist, with extensive experience in Cloud Technologies, Deep learning and Big Data. I never get trapped by complexity or abundance of data, I am excellent in understanding the needs of my client, and communication is my strength point.

PORTFOLIO

Freelance Data Scientist May 2021 - up to now
Full-stack data science (NLP)
client: *NN Investment Partners*

Freelance Data Scientist October 2020 - April 2021
Text classification using language models
client: *Dialogic, RSM (Rotterdam School of Management)*

Freelance Data Scientist March 2020 - November 2020
Data analytics and NLP
clients: *Erasmus University Rotterdam, Erasmus Medical Center*

Data Scientist at Exact November 2018 - February 2020
Deep Learning, Spark-based ETL pipelines, AWS Services

Data Scientist at CWTS, Leiden October 2017 - October 2018
SQL database administration and productizing large scale ETL pipelines

Postdoc researcher at TU Delft April 2016 - September 2017
Research Trend Identification, ETL, and Complex Network Analysis

PhD Candidate at Department of Data Science, Maastricht University April 2012 - March 2016

Thesis Title: Dynamic Social Graphs - Mining and Modeling

PROFESSIONAL SKILLS

- **AWS:** Sagemaker, ECR, EMR, Glue, Lambda, EC2
 - **NLP:** BERT, Word2Vec/GloVe, HuggingFace
 - **Deep Learning:** Optimization of Deep-NN, RNN, LSTM, Attention Mechanism, Auto-Encoders
 - **Machine Learning:** Predictive Analytics, Time Series Forecasting, Entity Recognition
 - **Data Lake Development:** ETL, Spark, (No)SQL databases
 - **Programming Languages:** Python, R, TSQL, Java, Javascript
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CERTIFICATIONS

- **Sequence Models** - by deeplearning.ai on Coursera
 - **Neural Networks and Deep Learning** - by deeplearning.ai on Coursera
 - **Improving Deep Neural Networks** - by deeplearning.ai on Coursera
 - **Practical Machine Learning** - by Johns Hopkins University on Coursera
 - **Complex Networks** - by Universit Ca' Foscari Venezia
 - **Social Network Analysis** - by University of Michigan on Coursera
 - **Human-Computer Interaction** - by University of California on Coursera
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ACADEMIC PUBLICATIONS

Google Scholar Page:
<https://scholar.google.nl/citations?hl=en&user=kCRb080AAAAJ>

PERSONAL DETAILS

Languages: English (fluent), Dutch (elementary), Farsi (mother tongue)
Hobbies: Crossfit, Surfing, Painting, Socializing