



MIKOŁAJ MIECZNIKOWSKI

DATA SCIENTIST

Actively studying about Machine Learning and Deep Learning. Strong academical background connected with continuum mechanics and professional experience related with FEM software, topic in which I like to explore new things.



[/Mieczmik](#)



[/mikolaj-miecznikowski](#)



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Warsaw, Poland

TECHNOLOGY

Python (Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn and other packages), Mathematica, R, SQL, Git, bash, Spark, Azure (connected with Database Administration)

LANGUAGES

Polish Native
English B2

HOBBIES



Cycling, work-out, football



Windsurfing and sailing



Skiing



Board games



EDUCATION

WARSAW UNIVERSITY OF TECHNOLOGY

PhD Student | 2020 - NOW

Subject: Assessment of the Damping Properties of Elastomers Using Large Deformation Theory.

Courses in the WUT Faculty of Mathematics and Information Science completed with an exam:

- [Computer Statistics](#)
- [Data Processing in R and Python](#)
- [Data Exploration and Visualisation](#)
- [Introduction to Machine Learning](#)

WARSAW UNIVERSITY OF TECHNOLOGY

Master of Science | 2017 - 2020

Civil Engineering, major: [Theory of Structures](#)

Some branches of science learned during studies:

- Continuum mechanics
- Mathematics: Finite Element Method, Tensor Analysis, Differential Geometry of Surfaces,
- Structured and Object-Oriented Programming in C++



COURSES

- IX 2022 - X 2022 Database Engineer Bootcamp (110 h), Kodołamacz (Sages)
- II 2022 - VIII 2022 Data Science Bootcamp (256 h), Kodołamacz (Sages)
- III 2022 Bootcamp sprintED: Data Science, INCO Academy
- II 2022 Introduction to Git and GitHub, Coursera



PERSONAL PROJECTS



Real-time face mask detector

A real-time system to detect whether the person on the webcam is wearing a mask or not.



Titanic Machine Learning from Disaster



Credit Default Forecasting



EXPIERENCE

Structural Designer

Warbud SA | IV 2020 - III 2022

- Creating VBA Macros in Excel
- Visual programming in Grasshopper and Dynamo
- Carrying structural calculations

Graduate Structural Designer

BuroHappold | IX 2019 - III 2020