MIKOŁAJ MIECZNIKOWSKI

DATA SCIENTIST

Actively learning about Machine Learning and Deep Learning. Strong academical background connected continuum mechanics and professional experience related with FEM software I use 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

 Windusurfing 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

EXPIERIENCE

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