

Mateusz Dorobek

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EDUCATION

2019 – present Warsaw	Warsaw University of Technology - Faculty of Mathematics and Information Science , <i>Data Science MSc, Master's Defence: June 2020</i> Diploma thesis: „Generating jazz chords using language embeddings and RNNs” ☞
2019 – 2020 Barcelona	University of Barcelona - Faculty of Mathematics and Computer Science , <i>Data Science MSc - Erasmus Exchange</i>
2019 – 2020 Barcelona	Technical University of Catalonia - Barcelona School of Informatics , <i>Artificial Intelligence MSc - Erasmus Exchange</i>
2015 – 2019 Warsaw	Warsaw University of Technology - Faculty of Electronics and Information Technology , <i>Computer Science BSc</i> Diploma thesis: „Use of artificial intelligence for generating musical contents” ☞

SKILLS

Python

numpy, pandas, sklearn, keras, matplotlib, gensim

Data Preprocessing

Scrapping, Feature Engineering, Extraction, and Selection

Machine & Deep Learning

LinReg, DecTree, KMeans, DNN, RNN, CNN, GAN

Soft skills

I have good communication skills and experience in teamwork. I'm not afraid to learn new things.

PROJECTS

Oct 2019	Safely , <i>The Intelligent Travel Assistant</i> I've won Hack UPC “Use of AI in real-life cases” challenge. My team created Safely ☞, a web app for safer travelling using ML to predict severity of accidents.
Sep 2018 – May 2019	Żabka AI , <i>Market Basket</i> I was a Project Manager and Creator of AI solutions in student business project. We've made an application ☞ capable to create personalized offer, based on clustering large data base from Żabka company.
May 2019	Machine Learning Workshop , <i>organizator and speaker</i> I've organised and run a workshop for students and AI enthusiasts in MiNI PW. I've created a interactive notebook and introduced audience of more than 50 participants with variety of ML topics. All materials are available online ☞.

PUBLICATIONS AND CONFERENCES

Jun 2019	Application of Deep Neural Networks to Music Composition Based on MIDI Datasets and Graphical Representation , <i>ICAISC 2019 - Zakopane, Poland</i> ☞
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INTERESTS

Music (*Jazz is my passion. I'm a graduate of two musical schools: classical and jazz. I play live with a lot of different bands. I'm arranging, composing and playing saxophone/piano for over 10 years.*)

Public Speaking & Teaching (*I'm giving tutoring on Machine Learning and Computer Science in Python. I've organized and lead my own ML Workshops. I was a speaker at Best Engineering Meeting 2018, PyWaw 84, and PyBCN in Barcelona.*)