Mateusz Dorobek

✉ dorobekmateusz@gmail.com   ⚲ www.mateuszdorobek.pl

in mateuszdorobek   ⓞ SaxMan96

EDUCATION

2019 – 2020 Warsaw	**Warsaw University of Technology - Faculty of Mathematics and Information Science,** *MSc in Data Science - Grade* 9/10 Thesis: „*Generating Jazz Chords Progressions Using Word Embeddings and RNNs*" ✐
2019 – 2020 Barcelona	**University of Barcelona - Faculty of Mathematics and Computer Science,** *Erasmus Exchange - Data Science	UB is 1'st-ranked university in Spain* Courses: Numerical Algebra, Optimization, Machine Learning, Deep Learning
2019 – 2020 Barcelona	**Technical University of Catalonia - Barcelona School of Informatics,** *Erasmus Exchange - Artificial Intelligence* Courses: Human Language Engineering, Professional Practise in Artificial Intelligence
2015 – 2019 Warsaw	**Warsaw University of Technology - Faculty of Electronics and Information Technology,** *BSc in Computer Science - Grade* 9/10 Thesis: „*Use of artificial intelligence for generating musical contents*" ✐

SKILLS

Programming
Python, R, Java, C++, SQL, Git, Linux

Soft skills
Communication skills, teamworking and management, fast-learner

Machine & Deep Learning
Segmentation and Clustering, Neural Networks, Regression, Classification, Data Processing and Visualisation, Statistics. Libraries: numpy, pandas, sklearn, keras, matplotlib, gensim. Creative approach to business-oriented ML and DL projects.

PROJECTS

Oct 2019	**Safely,** *The Intelligent Travel Assistant* 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,** *Market Basket* I was a Project Manager in a group of 10 and a 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,** *organizator and speaker* 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,** *ICAISC* 2019 - *Zakopane, Poland* ✐

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.*)

PRIVACY POLICY

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment.