Mateusz Dorobek

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○ github.com/SaxMan96

🖧 EDUCATION

2019 – present Warsaw	**Warsaw University of Technology MiNI,** *Data Science MSc* Diploma thesis: „*Generating jazz chords using language embeddings and RNNs*" 🔗
2019 – 2020 Barcelona	**Universitat de Barcelona FMCS,** *Data Science MSc* Erasmus exchange
2019 – 2020 Barcelona	**Universitat Politècnica de Catalunya,** *Artificial Intelligence MSc* Erasmus exchange
2015 – 2019 Warsaw	**Warsaw University of Technology EiTI,** *Computer Science BSc* Diploma thesis: „*Use of artificial intelligence for generating musical contents*" 🔗

🧠 SKILLS

Python
numpy, pandas, sklearn, keras, matplotlib, gensim

Machine & Deep Learning
LinReg, DecTree, KMeans, DNN, RNN, CNN, GAN

Data Preprocessing
Scrapping, Feature Engineering, Extraction, and Selection

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

🗂 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 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,** *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

Jun 2019	**Application of Deep Neural Networks to Music Composition Based on MIDI Datasets and Graphical Representation,** *ICAISC* 2019 🔗

🎸 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.*)