Jan Zasadny

Data Scientist

21.10.1998

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Languages

English (C1)

Polish (Native)

Skills

</> Python

</> SQL

</> Java

</> R

</> Experience with: Numpy, Pandas, Scipy, Matplotlib, Plotly, Seaborn, Sklearn, Tensorflow, Keras, PyTorch, Git, Tableau, PowerBI, Docker, Kubernetes, AWS, Scrum

</> Proficiency in: Machine learning, Computer vision, Statistics, Data analysis, Data engineering, Recommender systems, Artificial Intelligence (AI), Data scraping, Data mining, Cloud computing

</> Soft skills: Team player, Highly motivated, Development-oriented, Strong verbal and written communication skills, Analytical mind, Attention to detail, Strong visualisation skills, Passion for problem-solving

About me

Passionate Data Scientist with a specialisation in machine learning. Contributed to a large sale increase of an LTE infrastructure, by creating a backend system using Python Django for an intuitive system management app, which enabled the company to target a new user base of less IT-experienced people. Seeking to leverage my Python, SQL and data science expertise to enable data-driven decision-making in your company.

Education

10.2017-01.2021 **Bachelor of Computer Science** AGH UST

- Relevant coursework: Statistics, Programming in Python, Artificial Intelligence, Data Analysis, Database Management

Experience

01.2020-01.2021 **Python backend developer** Motorola Solutions Systems

- Optimized and enhanced user experience of a military-grade LTE infrastructure by creating an efficient Python backend.
- Collaborated with a global net of specialist engineers as a part of an agile team.
- Utilised and improved my presentation skills by showcasing new advancements of my team to a diverse audience of collaborators and stakeholders.

Projects

Age and sex recognition using a convolutional neural network Python

- Convolutional Neural Network-centered machine learning project created using Python, Keras and scikit-leran.
- Achieved over 92% accuracy by utilising a custom architecture and data augmentation pipeline.

Governments vs. Freedom of press EDA Python

- A Data Analysis project showcasing differences in Freedom of Press Index points between democratic and non-democratic governments. Created using Plotly and Flourish.

Concrete strength regression Python

- Trained and performed hyper-parameter optimization on 6 diverse regression models to tackle the problem of concrete comprsesive strength regression.
- Achieved state-of-the-art results by utilising my domain expertise to engineer features.

NASA star type - Analysis and Classification Python

- A combined Data analysis and classification project utilising a Random Forest model to predict spectral star types with perfect accuracy.