Mikołaj Jaworski

Data Scientist & Engineer · Master in Advanced Analytics

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Skills

Technical   Python · SQL · PowerBI · Azure · Google Cloud · R · Julia · git · Excel

Analytical   Machine Learning · Data Engineering · MLOps · Statistics · Visualizations · Simulations · Optimization

Experience

LOT Polish Airlines · **Operations Research & Analytics**   *Warsaw, Poland*

Data Scientist   *Nov. 2019 - PRESENT*

- Objectives include development and deployment of end-to-end (from ETL to reporting) ML systems as well as ad-hoc analyses using big data.
- Solutions involve shallow or deep learning, statistical simulations, metaheuristic optimization and visualization methods.
- Work requires constant learning and digging into knowledge repositories and reseach papers.

EY · **European Actuarial Services**   *Warsaw, Poland*

Data Analyst   *Feb. 2019 - Nov. 2019*

- Developed backend computation and reporting engine for Capital Requirement Projection Tool in R.
- Tested performance of Propthet Automation Tool using SQL and VBA.
- Prepared and examined insurance pricing investigation using R and VBA.
- Provided actuarial support to audit teams using Excel.

Accenture · **Insurance Advisory**   *Warsaw, Poland*

Data Science Intern   *Oct. 2018 - Dec. 2018*

- Prototyped fraud detecting machine learning model using adaptive boosting methods in Python.
- Performed data extraction for reporting purposes using SQL.
- Segmented and tagged data for computer vision tasks.

IBM · **Global Business Services**   *Warsaw, Poland*

Operations Analyst   *Sep. 2016 - Oct. 2018*

- Performed controlling and forecasting on potential/ongoing projects.
- Handled day-to-day operational and project management tasks.
- Ensured data quality and accuracy.

Education

SGH Warsaw School of Economics   *Warsaw, Poland*

Double M.S. in Advanced Analytics - Big Data & Quantitative Methods and Information Systems   *Oct. 2017 - Sep. 2020*

- 1st thesis: "Histopathological Image Classification for Cancer Detection using Convolutional Neural Networks"
- 2nd thesis: "Airline Network Performance Evaluation using Multi-Agent Simulation Model"

Hanze University of Applied Sciences   *Groningen, Netherlands*

B.S. in International Business   *Sep. 2015 - Feb. 2016*

- Erasmus Exchange Programme

SGH Warsaw School of Economics   *Warsaw, Poland*

B.S. in Quantitative Methods and Information Systems   *Oct. 2014 - Jul. 2017*

- Thesis: "Comparative Analysis of Cognitive Services Available in the Cloud"

Certificates

Google Cloud & Qwiklabs   *Online*

Google Cloud Data Engineer   *Nov. 2020 - Dec. 2020*

Gained practical knowledge about data engineering in GCP.

DataCamp   *Online*

Data Scientist with Python   *Oct. 2017 - Sep. 2018*

Covered fundamentals of data science using Python.