

My strong skills are:

- Turning business case into AI solution and AI solutions into business cases,
- Delivering machine learning solutions that match client requirements,
- Finding optimal analytical models to solve the problem,
- Visualizing and presenting the conclusions from the analyses to business users in a clear, understandable way,
- Implementing solutions as part of complete software,
- Conducting government-funded projects (R&D, NCBiR)

WORK EXPERIENCE

The Chancellery of the Prime Minister(GRAI) (August 31, 2022 - Present)
AI Expert

AI, ML expert in area of usage in smart buildings and energy efficiency

APA Group (September 30, 2020 - Present)
AI Lead/Big Data Engineer, Data Scientist

Conducting government-funded projects (NCBiR)

Nazca4.0, concept, realization and implementation of anomaly detection reasoning systems in the operation of industrial machines, predicting machine damage, optimizing the production process, data analysis and assessing the quality of measured parameters in relation to ISO standards based on AI methods;

IPOE, concept and implementation of AI system to analyze the electricity consumption in production plants, machines, houses and apartments. System for assessing the quality of measured electric energy parameters in relation to ISO standards;

ICEON, concept and implementation of a fuzzy expert system to predict the optimal conditions for charging the cooling accumulator in order to ensure the continuity of cooling supply to the system;

PatientMonit, concept and implementation of an AI system for non-contact monitoring of sick and elderly people based on computer vision and movement analysis algorithms;

Silesian University of Technology, University of Silesia, University of Economics (January 01, 2021 - Present)

Visiting lecturer

Conducting lectures in the areas of application of artificial intelligence methods in industry 4.0 at MBA and Postgraduate studies

DMP Systems (September 01, 2023 - Present)
Software Engineer

End to end visualization system to control data from charcoal company in Poland

Knowledge.io (May 31, 2022 - February 27, 2023)
AI Expert

Development of artificial intelligence algorithms to improve the safety of wheelchair users in the RapidChair project,

Conducting government-funded project (NCBiR)

Bombardier Transportation (August 31, 2019 - December 31, 2019)
Data Analyst

- Expertise on sensitivity analysis, including ageing processes in the circuit of the track circuit receiver,
- Expertise in the analysis of the hardware solution for the control of traffic signal system

SKILLS

R&D Python

ML/DS tools BI tools

Data Science Data Analysis

Databases Visualization tools

Project Management Critical Thinking

Confluence Jira

Agile, Scrum Microservices

EDUCATION

Silesian University of Technology (September 30, 2010 - September 29, 2020)

PhD, Data Science, Electronics

LANGUAGES

Polish English

Native C1