Curriculum Vitae

CONTACT INFORMATION AND ADDITIONAL LINKS:

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EDUCATION:

03.2018 – 02.2019
Polish-Japanese Academy of Information Technology
Big Data – Large Data Sets Engineering, postgraduate studies
Movie recommender system - end project developed with a use of Python.

10.2013 – 06.2015
Warsaw School of Economics
Statistical Analysis and Data Mining in Business, postgraduate studies
Assessment of Reject Inference methods implemented in SAS Enterprise Miner with a use of credit scorecard models built on randomly generated consumer finance portfolio data

02.2012 – 11.2014
Warsaw School of Economics
Finance and Accounting. Master studies - specialization: International financial markets
The use of logistic regression model to estimate probability of a correction of Polish current account basing on determinants of Polish balance of payments

04.2011 – 07.2011
European University Viadrina Frankfurt (Oder) Erasmus student exchange program

10.2008 – 01.2012
Warsaw University of Technology
Faculty of Administration and Social Sciences, *The analysis of state budget in 2006-2010*

EXPERIENCE:

04.2025 – 08.2025
Crestt Sp z o. o. (Santander Bank Polska S.A.) – B2B consultant

Supporting role in Oracle APEX application development. Collaborated with business analysts to assist in the development of a reporting tool for ESRS (European Sustainability Reporting Standards). Designed and implemented BI functionalities into APEX application using PL/SQL. Performed modifications to the reporting model when needed. Utilized PL/SQL to generate and displayed reports. Contributed ideas and provided feedback by applying my expertise and knowledge in reporting tasks.

08.2024 – 02.2025
Public sector – Data analytics and engineering position
Depending on the scale of analysis, reporting of national data using either Oracle SQL or Oracle PL/SQL.
Development of a PoC application to calculate and visualize the closest routes between a controlled entity and ten closest controllers (public sector employees). A graph problem on a big data scale. Used Python and SQL.

07.2023 – 03.2024
B2B.NET S.A. (BNP Paribas Bank Polska S.A.) – B2B consultant, fixed-term contract
Development of ELT data pipelines for the Open Banking area. Including flattening, deduplication, and normalization of JSON data source into Hive tables. Processing both semi-structured and structured data. Technologies used: MongoDB, HDFS, HiveSQL, Python, Airflow, and GitLab for CICD. Ad-hoc analysis of customers activity within Open Banking area.

02.2021 – 06.2022
Crestt Sp z o. o. (Bank Pekao S. A., Nationale-Nederlanden S.A.) – B2B consultant, last role: Big Data developer
Development of batch data processing solutions for one of the largest banks in Poland.
The ELT processes for Data Lake were designed using Airflow, Python, PySpark, and Hive within the on-premise Cloudera Data Platform.

Development and operationalization of churn related classifier for insurance company.
Added functionalities for scoring and monitoring of new data.

Development and operationalization of classifiers for VR training company. Experiments took into consideration many iterations of more than twenty different algorithms. Including deep learning.

Design and development of HR demo dashboard with a use of SAS Viya.

10.2020 – 01.2021
PZU S.A. – Business Intelligence Analyst, The Area of Property Insurances
Tester of output tables created by SAS Developers. Maintenance of documentation.

05.2020 – 09.2020
ITFS Sp. z o. o. (PZU S. A.) – B2B consultant, SAS Analyst, fixed-term contract
I was co-responsible for migrating SAS Visual Analytics reports to the SAS Viya environment for Poland's largest insurance company. My tasks included importing dashboards to Viya, repairing XML schemas as necessary, redesigning dashboard layouts for improved user experience (UX), creating global Themes, and developing XML/HTML forms to enable self-service capabilities. Additionally, I handled side tasks such as processing JSON files using Python.

03.2019 – 04.2020
Crestt Sp z o. o. (Polkomtel Sp z o. o., TVP S. A.) – Junior Data Scientist, B2B consultant, worked as SAS Developer
As a consultant at a major Polish telecom, I participated in projects aimed at upgrading data mart recalculation processes. I was responsible for developing production-ready SAS scripts, focusing on 4GL and SQL for data processing. Additionally, I handled side projects involving data collection and segmentation using Python (functional programming). I also contributed to development of sample dashboards using Shiny and Tableau.

11.2016 – 03.2019	**NatWest Markets plc Spółka Akcyjna Oddział w Polsce / National Westminster Bank plc Spółka Akcyjna Oddział w Polsce. The Royal Bank of Scotland Group** – Data Analyst / Business Intelligence Analyst Consolidating and simplifying financial regulatory reporting using SAS 4GL and SQL. Report development using SAP BO, SAS EG, and SAS VA. Utilized Stored Processes for user self-service. Recognized as a top dashboard developer in the Best Use of SAS Visual Analytics contest. Ranked top ten in an internal Kaggle-style competition, 'Early Warning Indicators,' designing optimal binary classifiers with customer data.
11.2015 – 11.2016	**Bank Pocztowy S.A.** – Data Analyst Department of CRM, Analysis and Data Warehouse at Business Analytics Automation of reporting with a use of SAS Guide, SAS VA. Developed a dashboard for evaluating bank branch performance across various measures (descriptive model), facilitating statistical and visual analysis of issued loans.
07.2015 – 09.2015	**ASB Poland Sp. z o. o.** – Junior Reporting Specialist Processing of financial data. Actualization of financial statements. A support role in data migration process between databases.
03.2014 – 02.2015	**Bank BPH S.A. , GE Capital** – Intern, Credit Portfolio Analysis, Valuation Standards and Reporting Team A supporting role in the development of predictive model used for the estimation of LGD parameter.

SKILLS:

English	B2
SQL	Experienced: DDL, DML, DQL, some DCL and TCL. CTE, window functions. GenAI: stored procedures, UDF, & PL/SQL
Python & Docker	Airflow, pandas, PySpark, Streamlit, scikit-learn, keras, Evidently AI, typing, version control, data validation
SAS Viya & SAS EG	experienced; data processing, macro programming, SQL, stored processes, data mining, dashboards
SAS Enterprise Miner	experienced; development of data mining flows
Power BI, Tableau	familiarity with data model development, data integration, reports, dashboards
MS Excel	experienced, no VBA

TRAININGS, COURSES:

Python:	**Data Engineering Zoomcamp** **MLOps Zoomcamp** **ML Zoomcamp** DataTalksClub
	Python backend/web ALX Academy sp. z o. o.
	DAG Authoring for Apache Airflow Astronomer
Microsoft:	**DP-203: Azure Data Engineer Associate** **DP-100: Azure Data Scientist Associate** **DP-900: Azure Data Fundamentals**
Coursera:	**Data Engineering Specialization** **Practical Data Science** DeepLearningAI
	Data Engineering, Big Data, and Machine Learning on GCP **Advanced Machine Learning on Google Cloud Specialization** **Preparing for Google Cloud Certification: Machine Learning Engineer Specialization** Google Cloud
	IBM Generative AI Engineering Specialization **IBM Data Engineering Specialization** **IBM Machine Learning Professional Certificate** **IBM AI Engineering Professional Certificate** IBM
	Advanced DAX for Power BI Udemy
	Business Metrics for Data-Driven Companies **Managing Big Data with MySQL** **Excel to MySQL: Analytic Techniques for Business Specialization** Duke University
	Applied Logistic Regression **Applied Regression Analysis** **Calculus One** The Ohio State University
	Mathematical Methods for Quantitative Finance **Introduction to Computational Finance and Financial Econometrics** University of Washington
SAS trainings:	**Credit Risk Modeling** **Programming for SAS Viya** **Self-Service Data Preparation on SAS Viya** **Machine Learning Using SAS Viya** **SAS Visual Analytics 1 for SAS Viya: Basics** **SAS Visual Analytics 2 for SAS Viya: Advanced** **SAS Programming 1: Essentials** **SAS Programming 2: Data Manipulation Techniques** **SAS Programming 3: Advanced Techniques and Efficiencies**

SAS Macro Language 1: Essentials
SAS Macro Language 2: Advances Techniques
Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression
Statistics 2: ANOVA and Regression
Applied Analytics Using SAS Enterprise Miner 14.1
Categorical Data Analysis Using Logistic Regression
SAS Enterprise Guide 1: Querying and Reporting
SAS Enterprise Guide 2: Advanced Tasks and Querying

INTERESTS: history, macroeconomics, analytics, financial markets, architecture, cycling, motorcycling, travels