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DR. ARTIOM KOVNATSKY

PROFESSIONAL SUMMARY

Combines technical expertise and creative problem-solving to address unique challenges. Skilled in building robust and scalable infrastructure, delivering strategic data products, and leading high-performing teams. Effective communicator with diverse stakeholders, recognized for strategic thinking, creativity, and fostering a results-driven environment.

HARD SKILLS

Data Science & Analytics: Python, R, SQL, scikit-learn, PyTorch, Keras, XGBoost, Tableau.
MLOps & AI: MLflow, Airflow, RAY, Git/DVC, CI/CD, containerization (Docker); LLMs (Langchain, OpenAI, LlamaIndex), Hugging Face (NLP).
Big Data & Cloud: AWS/GCP, Databricks, PySpark, Hadoop, DBT, Apache Kafka.
Methodologies: Kanban, Agile Development, Flat Hierarchy Leadership.

SOFT SKILLS

Business requirements gathering	Cross-cultural communication
Complex Problem-solving	Organizational agility
Creative thinking	Public speaking
Team building	Mentoring

WORK HISTORY

- SENIOR DATA ENGINEER** 01/2025 to Present
STENON GmbH, Potsdam, Germany
- Designing Scalable Data Pipelines & Machine Learning Integration
 - Data Infrastructure Management & Data Quality Assurance
- DATA SCIENCE & ENGINEERING, CONSULTANT** 09/2019 to 01/2025
Self-employment
- Specializing in 'data activation', including 'imperfect' data
 - Executed high-impact ML projects in production, consistently meeting tight deadlines
- SENIOR DATA SCIENTIST, CONSULTANT** 04/2020 & 10/2023 to 07/2024
Lot Internet GmbH, Potsdam, Germany
- Data Science focusing on vehicle data for Skoda GmbH
 - Initiated a strategic direction for company growth
- LEAD DATA SCIENTIST** 09/2021 to 11/2022
Valyria GmbH, Berlin, Germany
- Built and lead a data science & engineering team
 - Data Science and Machine learning in production for pricing, time-series forecasting

DATA SCIENTIST 03/2021 to 09/2021
SKF Group, Remote, Germany & Israel

- Data Science for predictive maintenance

DATA SCIENTIST, CONSULTANT 05/2018 to 06/2020
Kenjo GmbH (ex: Org OS GmbH), Berlin, Germany

- Consulted the CEO on predictive analytics for HR data
- Authored a successful grant proposal, securing €1.2M

DATA SCIENTIST 01/2019 to 12/2019
Estonian Land Board, Tallinn, Estonia

- Worked with the Estonian Land Board on automatic land valuation for taxation

DATA SCIENTIST, BUSINESS ANALYST 02/2017 to 04/2020
HOMEDAY GmbH, Berlin, Germany

- Data Science in pricing, anomaly detection, client segmentation, BI
- Quantitative result: 1500% increase in traffic and a 750% increase in qualified leads
- Presented work and innovative business models, recognized as one of the top speakers

RESEARCHER, TEACHER ASSISTANT 12/2011 to 11/2016
USI-Università Della Svizzera Italiana, Lugano, Switzerland

- Conducted research and published findings in leading journals and conferences
- Delivered presentations at prestigious international venues worldwide
- Teaching assistant: “Computer Vision & Pattern Recognition”

RESEARCHER 06/2014 to 08/2014
Technicolor, Rennes, Brittany, France

- Research & development in Image Inpainting; Technicolor submitted a patent

EDUCATION

USI-Università Della Svizzera Italiana, Lugano, Switzerland
Ph.D., Computational Science, “Spectral Methods for Multimodal Data Analysis”, 11/2016

Technion - Israel Institute of Technology, Haifa, Israel
Bachelor & Master of Science, Applied Mathematics, 09/2013

LANGUAGES

English (Fluent C1)	German (Upper intermediate B2)
Russian (Native C2)	Hebrew (Fluent C1)

ADDITIONAL INFORMATION

Interests: Reading | Writing | Event Organization | Boxing | Mentoring
Recommendations are available upon request.