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# DR. ARTIOM KOVNATSKY

## PROFESSIONAL SUMMARY

Combines technical expertise and creative problem-solving to address unique challenges. Skilled in deploying models to production, 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, Git, CI/CD, containerization (Docker); LLMs (Langchain, OpenAI, LlamaIndex), Hugging Face (NLP).  
**Big Data & Cloud:** AWS/GCP, Data Bricks, 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

**DATA SCIENCE & ENGINEERING CONSUL.** 09/2019 to 11/2024  
**Self-employment**

- Data Science and Machine Learning in production
- Specializing in 'data activation', including complex and 'imperfect' data
- Executed high-impact projects, consistently meeting tight deadlines

**SENIOR DATA SCIENTIST & CONSUL.** 10/2023 to 07/2024  
**Lot Internet GmbH**, Berlin, 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 & CONSUL.** 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 & CONSUL.** 04/2020 to 04/2020  
**Lot Internet GmbH**, Berlin, Germany

- Consulted on data business strategy

**DATA SCIENTIST & CONSUL.** 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**, 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

- 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.