DMITRY BADEEV

DATA SCIENTIST, ML ENGINEER, NLP SPECIALIST

CONTACT INFORMATION

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SKILLS

- **Programming Languages:** Python3 , C
- **ML**: PyTorch, TensorFlow, Scikit-learn, Keras, Matplotlib
- **NLP / LLM**: Transformers (HF), NLTK, SpaCy, Gensim, smolAgents, LangChain, LangGraph, MCP, RAG, Prompt Engineering
- **DE**: Pandas, NumPy, SciPy, PySpark, Hadoop, FAISS, Jupyter Notebook
- **DevOps**: Docker, Git
- **API**: Gradio
- **PM**: Scrum, Agile, Jira

- **Web**: HTML, CSS, WordPress
- **EdTech**: LMS, Instructional Design, Gamification, Project-based Learning

FOREIGN LANGUAGES

English (B2-C1)

WORK EXPERIENCE

SENIOR SPECIALIST, ABBYY/GLOBALSOFTEXPERT
Feb. 2022 to June 2024

- Disclosure of innovative ideas (NLP, CV) for patents
- Working with ML/NLP solutions for business process automation

ASSISTANT PROFESSOR, MIPT
Dec. 2022 to June 2024

- Research and development of algorithms for intelligent document processing
- Academic supervision of students

LECTURER, RSUH
July 2024 – Present

- Lecturing and leading seminars in mathematics

MANAGEMENT AND COORDINATION EXPERIENCE
EdTech & International Projects (Early Career)

- Led IT teams up to 12 professionals (programmers, designers, IT engineers)
- Coordinated international projects with US institutes (William Norris Institute, National Geographic Society)
- Full-cycle management of educational software development
- Expert work in EdTech solution programs

Member of the Writers' Union of Russia

EDUCATION

ASSOCIATION 42, FRANCE
Architect In Digital Technologies (Level 21)

ANO "SCHOOL 21" (SBER)
Senior Degree (Level 21.42)

SKILLFACTORY
Project Management in IT (professional retraining)

LOMONOSOV MOSCOW STATE UNIVERSITY
Faculty of Mechanics and Mathematics
Mathematician, Specialist

PROJECTS

Multi-agent Film Plot Search System

- API for searching films by semantic and narrative features, multi-agent processing, AI-generated explainable recommendations

Company Annual Report RAG System

- AI system extracts and vectorizes text from PDF reports, answers analytical queries with maximum accuracy and minimal hallucination.

Automation of Complex GAIA Benchmark Tasks

- Intent Functional LLM-based agent decomposes complex assignments into steps and executes multitask analysis with external tool integration.

Interactive Personalized Fairytale Generator

- Story generation for children based on fairy tale morphology, entity recognition, prompt engineering, and user-driven adaptation.

Summarization of Habr Articles Using YaGPT API