



DMITRY BADEEV

DATA SCIENTIST, ML ENGINEER,
NLP SPECIALIST

CONTACT INFORMATION

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GitHub: <https://github.com/dbadeev>

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, A/B Testing
- **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/GLOBALSOFT EXPERT Feb. 2022 to June 2024

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

SELF-EMPLOYED / FREELANCE

June 2024 - Present

- Development of search systems with semantic content analysis (LangChain, FAISS, multi-agent systems)
- Creation of RAG systems for information extraction and analysis from corporate documents (PDF processing, embeddings, LLM inference)
- Development of interactive AI assistants with content personalization (Transformers, prompt engineering, NLP pipelines)

RESEARCH AND TEACHING ACTIVITIES

ASSISTANT PROFESSOR, MIPT / LECTURER, RSUH

Feb. 2022 to June 2024

- R&D in AI for document processing
- Academic supervision of students
- Lecturing and leading seminars in mathematics

MANAGEMENT AND COORDINATION EXPERIENCE

EdTech & International Projects (Early Career)

- Led cross-functional IT team (12 people)
- Coordinated projects with key partners in the USA
- Full-cycle management of EdTech product development
- Expertise in EdTech development

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

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

Other projects and certificates: <https://github.com/dbadeev>