Mark Bachurin

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Education

Constructor University, Germany *Sept 2024 – June 2027*
Bachelor of Software Data and Technology, Minor in Mathematics

Akademeia High School, Poland *Sept 2021 – June 2024*
Mathematics - A*, Russian - A*, Physics - A, Computer Science - B

Technical Skills & Experience

Languages: Python, C/C++, SQL, Kotlin, Dart
Data/ML: Pandas, Numpy, Airflow
Cloud: AWS (S3, Athena, Glue, Lambda)
DevOps: Docker, Git, Linux, macOS
Web/UI: HTML/CSS, Flutter
Methods: Data structures and Algorithms, Agile/Scrum

Work Experience

mBank Services Internship I – Proof-of-Concept (PoC) AI bot to support Design System Users *Mar 2023 – Jul 2023*
Datasets preparations, AI model training, Documentation Scripting

- Designed and trained an AI chatbot model with custom datasets to assist developers in navigating System Design Documentation.
- Wrote clear documentation and user guides for developers.

JetBrains Internship II – Data Engineering Intern - JetBrains Data Office (Analytics Platform Team) *Jun 2025 – Sep 2025*
Data Engineering Branch of the Analytics Platform Team

- Was responsible for optimizing and maintaining analytical data pipelines across JetBrains products.
- Designed and optimized Airflow DAGs for data collection, transformation, and validation, ensuring compliance with GDPR and company standards.
- Improved data accessibility, visualization, and analytics workflows for JetBrains developers, using Amazon Web Services-based data infrastructure (S3, Lambda, Athena).

Extracurricular Activities

Leadership *Sep 2025 – Present*
Software Data and Technology Major Representative

- Act as liaison between students, faculty, and administration to improve academic experience.
- Coordinate student feedback and represent the major in department meetings and university initiatives.

Languages

English (C2), Russian (Fluent), Polish (B2), German (A2 -> B1 in progress)