

Mark Bachurin

Bremen, Germany | +49 1511 6534645 | mbachurin@constructor.university |
m.b.bachurin@gmail.com | mbachurinConstructor

Education

Constructor University, Germany	<i>Sept 2024 – June 2027</i>
Bachelor of Software Data and Technology, Minor in Mathematics	
Akademcia High School, Poland	<i>Sept 2021 – June 2024</i>
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 *Mar 2023 – Jul 2023* **to support Design System Users**

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 *Jun 2025 – Sep 2025* **Data Office (Analytics Platform Team)**

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	<i>Sep 2025 – Present</i>
Software Data and Technology Major Representative	
<ul style="list-style-type: none">• 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 (currently studying for B1)

Olympiads

2022:

- **UKMT** British Mathematical Olympiad Round 1 - **Certificate of Merit**
- **BPhO** Online Senior Physics Olympiad - **Silver Award**

2023:

- **UKMT** Senior Mathematical Challenge 2022 - **Gold Certificate**
- **UKMT** Senior Mathematical Challenge 2023 - **Gold Certificate**