

Dmitry Gilemkhanov

Master's degree from ITMO University with a background in machine learning and deep learning with experience in civil engineering.

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WORK EXPERIENCE

NSS Lab

Trainee ML Researcher

11.2024 - now

- Working on opensource AutoML-framework FEDOT.

Topomatic

Programmer trainee

02.2024 - 06.2024

- Developed a plug-in in C# programming language to work with geometry (intersection and union of 2D figures, simplification of 3D model) in Topomatik Robur program complex.

Architectural Design Workshop

Civil-Designer Assistant

07.2022 - 08.2023

- Engaged in the creation of 3D - model of the building on 2D - drawings of engineers (BIM modeling) and making the drawings.

SKILLS

- Languages: Python, C#
- Frameworks: NumPy, Pandas, PyTorch, Scikit-learn
- Tools: Git, MS Office

EDUCATION

ITMO University

Master's degree in information systems and technologies. AI in industry.

2024 - 2026

St Petersburg State University of Architecture and Civil Engineering

Bachelor's degree in civil engineering. Industrial and civil engineering. - 4.80 GPA

2020 - 2024

PROJECTS

Plugin for Autodesk Revit

- Plugin to simplify the work of civil engineers in Autodesk Revit program.

Open Source Framework FEDOT

- Contributed to <https://github.com/aimclub/FEDOT> - an framework for automated modeling and machine learning (AutoML) problems.