

Nazih Errahel

Irkutsk, Russia | erraheln@ex.istu.edu | +7 [999] 686-47-49 | [GitHub](#)



EXPERIENCE

Computer Vision Developer | Irkutsk Technical University *Fev 2024 – Present*

Developed real-time object detection systems.
Integrated advanced data management tools.
Leveraged cutting-edge technologies to solve real-world problems.

Solar Snow Light, Irkutsk – Summer Manufacturing Practice *Aug 2022 – Sep 2022*

Designed database models, developed Flask servers, and managed web scraping for an AI-based geo organizer app.

EDUCATION

Irkutsk National Research Technical University, Irkutsk – *Bachelor of Artificial Intelligence and Data Science* *Sep 2019 – June 2024*

Studied AI, Computer Science, and cutting-edge technologies in English.

PROJECTS

Aluminum Dust Cloud Detection Using YOLOv8

Implemented temporal analysis for reducing false positives and improving detection reliability.

Fire detection using temporal analysis

Developed a model ensemble, achieving **99%** accuracy

SKILLS

Programming

Languages: Python, R, JavaScript, SQL, HTML/CSS

AI and Machine Learning:

Deployment of AI algorithms, Data analysis with Pandas, Seaborn, Matplotlib, Plotly

Computer Vision: Neural Networks, YOLOv8, PyTorch, OpenCV, Data Augmentation/labeling

Data Management:

PostgreSQL, MLflow, DVC, DagsHub

DevOps: CI/CD Pipelines

Time Series Analysis:

Regression

LANGUAGES

English: Fluent

Russian: Proficient

Arabic: Native

French: Conversational