

# Ivan Kochergin

Moscow, Russia

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## SUMMARY

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High school student at Letovo School with a strong focus on mathematics, computer science, and artificial intelligence. I build practical ML/AI projects and have competed successfully in national and international Olympiads, including FAIO 2025, the All-Russian Olympiad in Artificial Intelligence, and USACO. Particularly interested in machine learning, recommendation systems, and applied AI products.

## EDUCATION

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### LETOVO SCHOOL

Moscow, Russia

Russian National Curriculum, STEM Track

Expected Graduation: June 2027

- 1st Prize, International Tournament in Mathematical Modeling (TMM 2025); Prize Winner, All-Russian Olympiad in Artificial Intelligence (2026); National Finalist, All-Russian Olympiad in Computer Science (2025); USACO Platinum Division Qualifier (ranked 130/5,084)

## PROJECTS AND ACHIEVEMENTS

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- **Unilume** — Built an AI-powered admissions copilot that helps students find best-fit universities, verify requirements, track deadlines, and organize the application process in one ecosystem.
- **Algolume** — Developed a platform for dynamic visualization of programming algorithms with ML-based support for recognizing and visualizing user-submitted algorithms.
- **PlantPod** — Worked on a portable offline device for plant identification and 3D scanning for a digital herbarium, with GPS support.
- **Letovo School Admissions AI Agent** — Developed an AI-powered assistant for Letovo School that answers questions about admissions and student life.
- **FAIO 2025** — Represented the **Russian national team** at the International Olympiad in Artificial Intelligence (**2025**).
- **Moscow Olympiad in Informatics** — Prize Winner (**2025**).
- **RuCode AI Championship** — Winner (**2025**).
- **Senior AI Bootcamp (CPM & MIPT)** — Participant in an advanced ML/AI training program (**2025**).

## LANGUAGES

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Russian (Native). English (C1). Chinese (A2).

## ADDITIONAL INFORMATION

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- **Technical Skills:** Python, machine learning (data preprocessing, feature engineering, model training, evaluation, tuning), pandas, scikit-learn, Git, Docker, PostgreSQL, Next.js
- **Additional Courses:** MIT OpenCourseWare: machine learning, linear algebra, probability, and statistics
- **Hobbies:** Music (flute, piano; 10 years of training, multiple competition wins); track and field (5 years of training, multiple regional and national medals)