

Vladimir Podlevskikh

High-School Physics & Mathematics Teacher

Students Admitted to Stanford, Georgia Tech, UW-Madison, MSU

Location: Yerevan, Armenia | Open to relocation to the U.S. (cap-exempt H-1B) **Phone:** +1 (605) 971-4090

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Website: teacher.podlevskikh.com **Schedule a Call:** calendly.com/vladimir-podlevskikh/30min

Professional Summary

Physics & Math educator with **20+ years** of one-to-one and small-group teaching experience. Guided students through Russian Olympiads, SAT Subject Tests, and the Physics/Math tracks of the national *Unified State Exam (USE)*, leading to admissions at **Stanford (M.S.), Georgia Tech, UW-Madison, MSU, Bauman MSTU, MEPhI** and other top STEM universities. Blend *Socratic questioning*, gamified mini-quests and lightweight Python tools to raise scores and motivation. **Praxis II Physics 5266 - 200/200** (09 May 2025); **Praxis II Math 5161 - 200/200** (11 Jul 2025). **Praxis certified (Physics & Mathematics)**. **WES ref #6972808** confirms U.S. Master's equivalency (in process). Seeking a cap-exempt H-1B high-school Physics or Math position in the United States.

Key Achievements

- Mentored **Dmitry K.** to perfect SAT Math II 800 & SAT Physics 800 -> B.S. Georgia Tech with honors -> M.S. Stanford -> Amazon Software Engineer
- Raised **Mikhail T.** from SAT Math II 730 -> 800 in 2 months; now Oracle Software Engineer (UW-Madison CS Honors)
- Coached **20 + students** through Bauman MSTU Olympiad "Step Into the Future", securing direct admission to top engineering programs
- Typical USE Physics & Math improvement **+30 – 60 points** within one year; focused 1-3-month "polish" courses add **+10 – 20 points**.
- Tripled qualified tutoring inquiries after launching a Telegram info-bot built with Python & FastAPI

Core Skills

Curriculum & Olympiad Design Standardized-Test Coaching (SAT / USE Physics & Math)

Problem-Solving Workshops Remote & Hybrid Instruction Educational Python

Learning Analytics & Feedback Student Motivation & Mentoring Cross-Cultural Communication

Professional Experience

Independent Physics & Mathematics Tutor | Russia & Remote Apr 2003 – Present

- Taught about 350 students (ages 10–18); admissions to Stanford (M.S.), Georgia Tech, UW-Madison, MSU (Phys-Fac, Mech-Math, VMK), Bauman MSTU, MEPhI, MAI, Penn State
- Boosted average USE Physics & Math score by **+35 points** (n = 42, 2022-24) through personalised plans and weekly mock exams.
- Guided **Alexei P.:** transfer to MSU Boarding School (CYHL) -> Mech-Math MSU -> MSc Finance NES -> Quant Trader
- Integrated PhET simulations, Desmos graphs & interactive whiteboards; remote students maintain **95 + % parent satisfaction**
- Continuous alumni support – e.g. **Valeria Ch.** (Amazon Applied Scientist II) & **Georgiy T.** (Yandex Software Engineer)

Python / EdTech Projects (freelance) | Remote Jul 2020 – Present

- Telegram bot with GPT prompts and CRM logging – 3x growth of qualified tutoring inquiries
- Prototype auto-grading micro-service (FastAPI + PostgreSQL) – beta-phase; targets 24 h feedback cycle
- Built "Learn-to-Code" Python game for kids 7+ and hosted virtual physics lab demo (3 interactive experiments)
- Stack: Python, FastAPI, Docker, PostgreSQL, Selenium, OpenAI API, Git

AI System Development Intern | National Medical Research Center Jan – Apr 2025

Implemented DB layer & LLM-driven OCR pipeline for digitising lab reports; coordinated 7-developer Git workflow.

Education & Certifications

- M.S. Physics – Lomonosov Moscow State University, 2006 (WES ref #6972808 – course-by-course eval.)
- Praxis II Physics 5266: 200/200 (official score, 09 May 2025)
- Praxis II Math 5161: 200/200 (official score, 11 Jul 2025)
- IELTS Academic 6.0: L 7.0 | R 6.0 | W 6.0 | S 5.5 (Jun 2023) + 5 000 min Cambly speaking practice (2024-25)

Languages

Russian – Native English – CEFR B2 (actively improving) Japanese – JLPT N5

Additional

Marathon runner, 5-kyu Go player, photography & AI-for-Education enthusiast.

Immigration: Cap-Exempt H-1B sponsorship required; flexible on U.S. state / start date.