

Grik Tadevosyan
Skoltech Data Science & Ms2 and HSE Math of Machine Learning joint program
student.



CV and Resume

2016 – Left School Evrika, a special school with in-depth learning of Mathematics and Natural Sciences.

2020 - Graduated from University with excellence and defended a thesis on the topic “Qualitative theory of differential

equations”. 2022-2023 – Studied Master’s Program in Data Science and Applied Statistics at Yerevan State University.

2022-2023 – Completed RL course of Russian Armenian University.

2022-2023 – Worked at Armenian Tesa Systems, on drones, was in charge of Computer Vision and Data Science.

2023 - Present – Studying Joint Master’s Program in Data Science at Skoltech and Math of Machine Learning at Higher School of Economics.

2023- Present – Performing Safe RL for “Swarm of Drones for Landing” problem at Skoltech Intelligent Space Robotics

2024- Completed the course “Complete Reinforcement Learning System” at Coursera.

2024 - Done Drone Racing project with RL for the environment with moving obstacles

I am eager to expand my Safe RL knowledge and use it for real projects namely for solving problems on swarms of drones.. Skills- Numerical Linear Algebra, Bayesian Methods, Markov Chains, Deep Reinforcement Learning, Deep Learning, Python, Matlab, Unity, Drones, Linux, Raspberry Pi, Haptics and Virtual Reality, Robotics, Stochastic Optimization, pytorch, gym_pybullet_drones

<https://mrov9072.github.io/>
<https://github.com/Mrov9072/>

<https://github.com/Barsegh-A/land-use-image-classification>

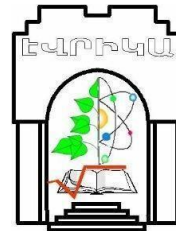
<https://www.linkedin.com/in/griktadevosyan>



YEREVAN
STATE
UNIVERSITY



RUSSIAN-ARMENIAN
UNIVERSITY



Awards

2016 - The winner of “Kangaroo Math Competition” in Lori Region.

2016 - My name was added to the Russian encyclopedia for Gifted and Talented Kids.

2016 - My name was added to the Russian encyclopedia for Gifted and Talented Kids. 2019 - An award winner of Phystech Mathematics Olympiad.

2019 - An award winner of Phystech Mathematics Olympiad.

2023 November - 6th place on the 3rd board at All-Russian Universities Team Chess Championship

2024 – Individual Battle 4th place at Chess Tournament organized by Phystech; scored a win against a grandmaster.

2024 February – An Instructor of the course “Chess for Students” at Skoltech.

2024 August - Delivered a Reinforcement Learning Course for the students pursuing Bachelor’s Degree in different programs at Russian Armenian University.

2024 March – A member of the Team "Skoltech Hawk" that participated in UAV Competition in the scope of ICUAS 2024, successfully completed Stage 1 and took 14th place among very prestigious university teams of the world, as a result I was awarded a special scholarship at Skoltech.

Papers

SafeSwarm: Decentralized Safe RL for the Swarm of Drones Landing in Dense Crowds. **G. Tadevosyan**, M. Osipenko, D. Aschu, A. Fedoseev, V. Serpiva, O. Sautenkov, S. Karaf, and D. Tsetserukou, in Proc. ACM/IEEE Int. Conf. on Human Robot Interaction (HRI 2025), Melbourne, Australia, March 4–6, 2025, in print. (Core2023 A, Scopus, WoS, H-index (SJR)=70)

UAV-VLA: Vision-Language-Action System for Large Scale Aerial Mission Generation. O. Sautenkov, Y. Yaqoot, A. Lykov, M. A. Mustafa, **G. Tadevosyan**, A. Akhmetkazy, M. Altamirano Cabrera, M. Martynov, S. Karaf, and D. Tsetserukou, in Proc. ACM/IEEE Int. Conf. on Human Robot Interaction (HRI 2025), Melbourne, Australia, March 4–6, 2025, in print. (Core2023 A, Scopus, WoS, H-index (SJR)=70)