

EVGENII SHCHAGIN

EDUCATION

Bachelor of Science, Applied Mathematics and Computer Science Sep 2017 – Jul 2021
Moscow Institute of Physics and Technology (MIPT)

Thesis: "Automated calibration of sensor-equipped vehicle via multimodal sensor fusion"

Master of Science with Honors, Applied AI/ML Sep 2021 – Jun 2023
Moscow Institute of Physics and Technology (MIPT)

Thesis: "Neural sensor fusion for 3D-detection in autonomous vehicles"

Master of Science, High-end technology and startup management Sep 2021 – Jun 2023
Moscow Institute of Physics and Technology (MIPT) Business School

Thesis: "Goods tokenization service based on distributed ledger technology"

WORK EXPERIENCE

Deep Learning Engineer (Computer Vision) Dec 2025 – Sept 2026
Yandex LLC

- Enhanced factcheck rewards for RLHF training
- Trained SFT coldstart models and optimized performance

Deep Learning Engineer (Computer Vision) Sep 2023 – Aug 2025
SberTech LLC

- Implemented DINO-WM from scratch and adapted it to robotic navigation objective
- Researched SOTA robotic navigation foundation models (ViNT, NoMaD etc)
- Enhanced public benchmark models for in-house needs
- Sped up training using NVIDIA DALI pipeline by 4-5x
- Formulated in-house data collection pipeline

Deep Learning Engineer (Computer Vision) Aug 2021 – Sept 2023
SberAutoTech LLC

- Researched SOTA 3D object detection models (CenterPoint, BEVFusion etc)
- Trained and integrated a neural model for camera soiling detection
- Conducted experiments including data preparation, setting up clusters and tuning hyperparameters
- Integrated models in ROS production pipeline using Python, C++ and TensorRT

Deep Learning Engineer (Computer Vision) Feb 2021 – Jul 2021
iPavlov LLC

- Collected and preprocessed computer tomography data
- Trained deep neural models for segmentation of COVID-19 in computer tomography scans.

Research Intern Oct 2020 – Jul 2021
Cognitive Pilot LLC

- Researched and implemented self-driving harvester sensor calibration algorithm as Bachelor's thesis

Blockchain Developer Intern Jan 2020 – Jun 2020
Blockchain Laboratory of PJSC Sberbank

- Implemented application business logic using Blockchain technology in Golang and C.

TECHNOLOGY SKILLS

Product management	Atlassian Jira, Miro, MS Office, Canva
Programming Languages	python, C++
Frameworks (Deep Learning)	pytorch, huggingface, transformers, opencv, sklearn, pandas, numpy
Frameworks (AI Agents)	langchain, openai, fastMCP
Web Development	FastAPI, NextJS, MongoDB
Software development tools	jupyter, git, ROS, cline
Architecture and CI/CD	docker, docker-compose, celery, redis, github actions

ORGANIZATIONAL SKILLS

— Finance and investment analysis	— Organization management and strategy
— Agile & Scrum driven development	— Marketing, CustDev, Problem Interview
— Innovation management & Lean Startup	— Critical thinking & Problem Solving

SIDE PROJECTS

Sauron MCP – one MCP to rule them all	May 2025 - present
— Smart search and proxy routing for remote Model Context Protocol tools	
— Stack used: FastMCP, NextJS, FastAPI, MongoDB Atlas Vector Search	
Interview helper	March 2025
— Implemented a web conference system with real-time AI conversation analytics	
— Stack used: LiveKit server, LiveKit Meet, LangChain, RAG, MongoDB Atlas Vector Search	
Call From Santa	Dec 2024 – present
— Launched MVP in under 1 week	
— Organized collaborations with UGC creators	
Voiceturbate	Jul 2024 – present
— Implemented MVP from scratch in under 1 month	
— Organized and launched a collaboration with a hardware brand (90k reach, 2k new users)	

LANGUAGES

English (C1 – fluent), German (A2), Russian (native)
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