

# KEVORK SULAHIAN

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## Summary

AI researcher and Staff machine learning engineer delivering end-to-end AI solutions for healthcare, finance, safety, and education. Led development of large-scale LLM pipelines and time-series forecasting tools, driving client adoption and scaling SuperAnnotate from pre-seed to Series B. Co-authored an AAAI-accepted paper on LLM safety and contributed national economic analytics for Armenia's Ministry of Economy. Seeking to apply deep learning expertise and cross-functional leadership to accelerate AI product impact.

## Work Experience

### Grid Dynamics | *Staff MLE/Team Lead*

Nov 2025 - Present

- Led development and deployment of ML models for industrial time-series forecasting and anomaly detection, using Python, PyTorch, and AWS services (S3, Lambda, ECS/Fargate); built an AI assistant to support large-scale energy systems, which improved monitoring coverage and reduced detection latency
- Implemented end-to-end ML pipelines with Python, PyTorch, scikit-learn, and FastAPI; containerized services using Docker and deployed them on AWS (S3, Lambda, ECS/Fargate) through CI/CD workflows and Git; integrated Elastic Search for data indexing and used the Google SDK for A2A communication, enabling reliable model serving

### Superannotate | *Senior ML Solutions Engineer*

Jun 2021 - Nov 2025

- Provided expert consultation and presented tailored solutions to clients' challenges, building trust and cultivating strong professional relationships, resulting in increased client satisfaction and retention
  - Demonstrated product capabilities, facilitated integration, and developed deep learning pipelines to meet diverse client requirements. Conducted webinars to communicate solutions, offering insights and guidance to team members with limited AI expertise. Liaised with engineering teams to communicate customer concerns and feature requests. Collaborated with the sales team throughout pre- and post-sales processes to ensure a seamless client experience. Consulted with enterprise clients on building and fine-tuning Large Language Models
  - Actively contributed to enterprise demonstrations and took the state-of-the-art project to the end, including tools such as LLM, VLM, and Agents and on.
- I have participated in live webinars and conferences by presenting technical insights, showcasing innovative solutions, and engaging with industry professionals to foster knowledge exchange and collaboration.

### AlgoVerse | *AI Safety Research Fellowship*

Jul 2025 - Jan 2026

- Conducted AI-safety research on LLM benchmark vulnerabilities using Python and PyTorch, testing LLM judges, identifying failure modes, and evaluating robustness against low-cost manipulation; findings informed technical research and governance discussions on safe AI deployment
- Published a peer-reviewed paper on AI-safety vulnerabilities in large language models at the AAAI conference, presenting findings on benchmark failures and mitigation strategies; the work informed ongoing research and governance discussions

### MINISTRY OF ECONOMY OF THE REPUBLIC OF ARMENIA | *Data Scientist*

Oct 2018 - Jun 2021

- Developed and implemented data-driven methodologies using PyTorch and other tools to deliver insights that improved economic policies. Communicated results clearly to ministers and department heads to support informed decision-making
- Reviewed recent economic research papers and integrated relevant AI and data-engineering techniques into forecasting models on a cloud-based big-data pipeline, resulting in more accurate economic forecasts for policy planning

### Zaka | *Deep Learning Researcher intern*

Jul 2020 - Sep 2020

- Developed AI solutions for industry projects using Python and Jupyter notebooks, ensuring code was well-documented. Collaborated with the project lead to review progress and followed Agile development practices. Finalized solutions to meet company standards and obtained final approval

### DataPoint Armenia | *Mentor*

2023 - Jun 2024

- Mentored K-Minds members individually and in groups, guiding technical projects with Python and Large Language Models and offering career advice, which helped participants improve their skill sets and advance their professional development
- Guided mentees in setting and achieving career goals by building resumes, preparing for interviews, and creating networking opportunities, resulting in improved interview performance and several job offers
- Cultivated a collaborative and supportive environment that encouraged innovation, knowledge sharing, and continuous learning, leading to higher member engagement and more frequent peer-to-peer project collaborations

## Education

### WQU

Sep 2022 - Sep 2024

MSC in Financial Engineering

Remote

- Achievements:** <https://github.com/KevorkSulahian/agentic-llm-for-better-results>

### American University of Armenia

Sep 2017 - May 2021

BS in Computer Science

Armenia, Yerevan

## Skills

- Large Language Models, PyTorch, Big Data, Data Engineering, Product demonstration, Elastic Search, Python, R, Generative AI, Cloud platforms, AI