Elias Stogiannidis

Machine Learning Engineer/ Researcher

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About me

I am a postgraduate student at Athens University of Economics and Business and also an active member of the Natural Language Processing Group (website). I am also a Machine Learning Research Engineer at Helvia.ai, specializing in NLP and Large Language Models.

Skills

Experiment Tracking

La-Tex

Parallel Training - TPU & GPU

PyTorch, TensorFlow

Python

Fast Learner⋆6 Self-Motivated⋆6
Team Player⋆6 English⋆5

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

My main focus is on the practical application of Machine Learning, which has a real effect on the world. I specialize in Natural Language Processing and am exploring other areas such as Reinforcement Learning, Computer Vision, and Graph ML.

Education

2022-2023	M.Sc. in Computer Science	Athens University of Economics and Business
	Majoring in Machine Learning - GPA 8.9/10	
2018-2022	B.Sc. in Informatics	Athens University of Economics and Business
	Majoring in Data Science - GPA 7.6/10	
2015-2018	High school	1st High School Xanthi
	GPA 19.1/20	

Publications

2023 — L. Loukas, I. Stogiannidis, P. Malakasiotis, and S. Vassos. "Breaking the Bank with ChatGPT: Few-Shot Text Classification for Finance". In Proceedings of the Fifth Workshop on Financial Technology and Natural Language Processing and the Second Multimodal AI For Financial Forecasting of the International Joint Conference on Artificial Intelligence (IJCAI 2023), Macao, China, 2023.

2023 — L. Loukas, I. Stogiannidis, O. Diamantopoulos, P. Malakasiotis, and S. Vassos. "Making LLMs Worth Every Penny: Resource-Limited Text Classification in Finance". In Proceedings of the 4th ACM International Conference on AI in Finance (ICAIF 2023), New York, NY, USA, 2023 (to appear)

2023 — I. Stogiannidis, S. Vassos, P. Malakasiotis, and I. Androutsopoulos. "Cache me if you can: an Online Cost-aware Teacher-Student Framework to Reduce the Calls to Large Language Models". In Findings of the Empirical Methods in Natural Language Processing Conference (EMNLP 2023), Singapore, 2023 (to appear)

Experience

2022 — Machine Learning Engineer Intern — Helvia.ai

Enhanced state-of-the-art MLM models through additional pre-training and fine-tuning to align with similar job profiles. This can be achieved by incorporating information from job titles, descriptions, or other intricate textual data. Performed text mining to extract valuable information from various types of documents

2022-Current — Machine Learning Research Engineer — Helvia.ai

I conduct research on cost-efficient methods to access paid Language Models as a Service (LLMs) and utilize their responses to improve future processes, such as LLMs and training smaller LLMs. Provide assistance in data topic modeling and supervise interns.

Other information

Hobbies and volunteering

I have a wide range of interests. I enjoy playing video games and reading books. I am always reading up on the latest technological developments. I am also a fan of football and basketball. As far as sports go, I am training in Muay Thai and running. From early 2019 to early 2020 (before the pandemic lockdown), I was a volunteer with PeaceJam Greece, where we visited refugee camps and gave the kids creative activities and career advice.