Damir Abdulayev

ML engineer

Open to remote work: yes

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EDUCATION

Republican School of Physics and Mathematics
Graduate with honors diploma

09/2018 - 06/2021   *Almaty, Kazakstan. GPA: 5.0*

Data Science
Innopolis University

09/2021 - Present   *Innopolis. GPA:4.53*

WORK EXPERIENCE

Junior Data Scientist.
Innopolis University.

05/2023 - Present   *Russia, Innopolis.*

Python, LLM, Deep Learning.

- My responsibilities includes research, training, creation of large language models (LLMs).
- Also it includes development of new methods for optimizing and adapting LLMs for efficient deployment on mobile devices, web services and extensions, including the latest quantization and distillation techniques.
- I achieved an increase in throughput by quantizing the model, without high quality loss (perplexity+accuracy) surpassing the forced decrease in speed of inference.

Contact : Daniil Arapov - https://t.me/daniillarapov

Senior teacher and methodologist.
ИТ–школа Университета Иннополис.

02/2022 - Present   *Russia, Innopolis.*

"Progmatica" is an online school from the Innopolis University team, which has been providing IT education.

C++, Java, Python.

- I teach groups of beginners and intermediate levels in C++, 3-5 people each.
- I am developing teaching materials for the Java Junior course (64 lessons).
- I create workshops and master classes in Python for a Progmatica (45-90 minutes).

Contact : Elena - https://t.me/VeritatisFilia

SKILLS

Python Pandas NumPy Matplotlib
Pytorch TensorFlow Git
Deep Learning LLM NLP CV
scikit-learn HuggingFace

PERSONAL PROJECTS

Mushroomity. (06/2023 - 07/2023)
- A mobile cross-platform application recognizing the type of mushroom from a photograph. Application build on Xception CNN model trained on ImageNET. (Xception CNN, Flutter)
- capstone.innopolis.university/docs/groups/mushroomity

Super Mario Bros AI agent. (05/2023 - 06/2023)
- Our project focuses on training an AI agent to play the popular game Super Mario Bros using reinforcement learning techniques. (Q-learning - *reinforcement learning, openai gym)*
- https://github.com/SpeedFireF/SMB

LANGUAGES

Russian
Native or Bilingual Proficiency

English
Native or Bilingual Proficiency

Kazakh
Limited Working Proficiency