Brusnikin Nikita

+7-981-837-96-55 | brusnikinna@my.msu.ru

 Mobo140

Moscow, Russia

OBJECTIVE

Looking for a position as an intern to gain knowledge in ML and CV.

EXPERIENCE

- **MCST [ ]**   07.23 - 09.23
  Moscow, Russia
  - Trained at MCST, in the field of "Operating Systems". Was involved in porting libraries for safe computing mode to the Elbrus processor architecture

EDUCATION

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  Moscow State University
  09.2022 - 09.2028   Moscow, Russian Federation

PROJECTS

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  Project 1: [Searching for representations of the distribution internal corr. of dynamically spins of a QS using ANN][ ]
  Tools: [Python(seaborn, numpy,pandas), theory of Artificial Neural Networks]
  * Simulated The spin configuration of the quantum system and its state
  * Implemented gradient descent and stochastic reconfiguration methods
  * Developed model of a Restructed Boltzmann machine with an incomplete number of connections
  * Trained several different models and analysis of the results with visualization

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  Project 2: [To do list]   [ ]
  Tools: [REST Api, Docker, Postgress, JWT, Clean Architecture, unit tests]
  * Developed REST Api with all CRUD operations
  * Implemented all three layers were implemented using a clean architecture
  * Written unit tests

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  Project 3: [Url-shortener + gRPC auth service]   [ ]
  Tools: [REST Api, gRPC, SQLite, protobuf, functional/unit tests]
  * Developed REST Api with all CRUD operations
  * Implemented all three layers were implemented using a clean architecture
  * Developed gRPC auth service for Url-shortener
  * Written functional and unit tests

SKILLS

- **Hard:** Theory of probability, Linear Algebry, Mathematical analysis, Statistics, Computer Science
- **Programming Languages:** Python, Go
- **Web Technologies:** REST, gRPC
- **Database Systems:** Postgres, SQLite, MySQL
- **DevOps & Version Control:** Git, Docker