Mykyta Syromiatnikov

Looking for a research/engineering position in NLP/Deep Learning

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RESEARCH INTERESTS

Deep learning for natural language processing; conversational AI; models optimization; informational search.

WORK EXPERIENCE

2019-now   **Founder/Machine Learning Researcher at Serafima.ai**
- MVP creation, pre-seed investment raising, small team management.
- Dialogue system architecture design. Building pipelines for various NLU-tasks. Training models from scratch and selection of up-to-date SOTA-solutions along with their quality/performance review. Optimizing R&D solutions for the production environment.

2017-2018   **Software Developer at Freelance**

EDUCATION

2021-2022   **Master of Science in Software Engineering**
Odessa Polytechnic State University (former ONPU), Ukraine

2017-2021   **Honours Bachelor of Software Engineering**
Odessa Polytechnic State University (former ONPU), Ukraine
- GPA: 96.6.
- Thesis: Intelligent digital assistant for messengers and Web powered by natural language processing technologies.

PUBLICATIONS

2021   **Natural Language Processing for Intelligent Virtual Assistant System**
Mykyta Syromiatnikov, Victoria Ruvinskaya
ICST-2021, awaiting publication in CEUR Workshop Proceedings

2020   **Multilingual Open-Domain Question Answering Model**
Mykyta Syromiatnikov, Aleksandr Tsurkan, Victoria Ruvinskaya
MIT-2020

EXTRA-CURRICULAR ACTIVITIES

2020   **Huawei: Seeds for the Future**
The curriculum covers 5G, cloud computing, and AI.

2019   **3rd place in PhotoHack Odessa hackathon by Photo Lab**
The task was to create a solution for the visualization of text that will be used in the keyboard for instant messengers. Played the role of the team leader and also developed the server side of our app along with natural language processing algorithms.

2019   **Winner of the CIG R&D LAB program by Chernovetskyi Investment Group**
In my second year at university, I took part in the research and development program and won a grant for the further development of my smart assistant project at the final pitching.

Skills

Python, Golang, PyTorch Lightning, Transformers, NumPy, Pandas, Flask, LAMP, Nginx, HTML/CSS/JavaScript, C++, Docker, Hadoop, Git, AWS, Azure HDInsight, MPI.
Expertise: Natural Language Processing, Machine Learning, Deep Learning, System Design.