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 Engineer 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

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.