**POLI NEMKOVA**

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Github: [github.com/PoliNemkova](https://github.com/PoliNemkova) |Website: [Nemkova.com](https://www.nemkova.com/) | Covid-19 Fully Vaccinated

CAREER PROFILE

Machine learning researcher with strong leadership skills and with focus on NLP.

EDUCATION

*University of North Texas, Denton, TX, USA*

**Ph.D. Student** in Computer Science with focus on Artificial Intelligence (AI)

2020 - Expected: May 2025 | GPA: 4.0/4.0

Dissertation focus: Natural Language Processing for social cause (under supervision of Dr. Rodney Nielsen)

**M.S. Computer Science** with focus on Artificial Intelligence (AI)

2020 - 2022 | GPA: 4.0/4.0

Relevant coursework: Natural Language Processing (NLP), Computational Linguistics, Machine Learning, Deep Learning, Data Mining, Big Data & Data Science, Data Mining, Feature Engineering with focus on Computer Vision, Software Development for Artificial Intelligence, Analysis of Algorithms, Software Development

Leadership Role: Founder of UNT Startup Club.

*Belarus State University, Minsk, Belarus*

**B.S. Economics**

2009 - 2015 | GPA: 8/10

Relevant coursework: Data Economics, Statistics, Management Strategies, Database Management, Data Analysis, Operations Research, Statistical Data Analysis, Statistical Inference, Policy

Leadership position: Vice President of Student Council

PROFESSIONAL EXPERIENCE

University of North Texas, Denton, TX

*Teaching Assistant* | Aug 2020 – now

Teaching labs on C++/C for ungraduated students (CSCE1030)  
Fall 2022: co-taught a graduate course: Introduction to Artificial Intelligence (CSCE5210)

In Spring 2023 I co-teach a graduate course: Software Development for AI (CSCE 5214)

*Research Assistant* | Sep 2019 – now

Working on ML solutions at Human/Machine Intelligence and Language Technologies (HiLT) Lab with Dr. Rodney Nielsen. Our project is in domain of computational linguistics and NLP.

Erarta Gallery, St. Petersburg, Russia

*Gallery Manager* | Dec 2014 – May 2017

Managing all operations of business: finance, sales and acquisitions, collaboration, shipping, taxes, production design, creativity.

SKILLS

Software & Platforms: PyCharm, Colab, Matlab, GCP, AWS, Spark  
Programming Languages: Python, C++, Matlab, R, SQL (basic).  
Tools & Frameworks: Pandas, Numpy, SciPy, scikit-learn, Matplotlib, Tableau, Pytorch, Tensorflow, Keras, NLTK, BERT and other language models.  
Operations: Datasets cleaning & managing, Machine Learning pipelines design  
Other: Technical writing for academic journals for conferences, committed team member, research  
Interest: NLP, Data Modeling, Quantitative Analysis, Linguistics

LINKS

* LinkedIn: <https://www.linkedin.com/in/nemkova>
* GitHub: <https://github.com/PoliNemkova>
* Website: <https://www.nemkova.com/>
* Google Scholar: <https://scholar.google.ru/citations?user=j_ttzuAAAAAJ&hl=en>
* Twitter: <https://twitter.com/postpolinism>

(IRRELEVANT AND) PERSONAL

In spare time I do yoga and vipassana meditation or visit museums of contemporary art.

I also tend to read a lot.