

# LEV TELYATNIKOV

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## WORK EXPERIENCE

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**Ecole Polytechnique, GeoViC group at the LIX research lab.** *Feb. 2021 — Aug. 2021*  
*Research Fellow*

- Injecting and exploiting geometric structure in latent representations of 3D objects.

**Translated, AI department** *Feb. 2021 — Aug. 2021*  
*Data Science Intern*

- Cross-lingual prosody transfer with help of self-supervised contrastive learning techniques.

**Sberbank Data Science HR, NLP department** *June 2020 — Dec. 2020*  
*Data Science Intern*

- Audio data denoising/speech defects classification. Have developed deep learning metric approach for defects classification.

**Scientific Research Institute of Russian Academy of Science** *Sept. 2018 — Oct. 2019*  
*Research Fellow*

- Lossless audio compression based on Linear Predictive Coding and Fixed-LPC technologies.

## PROJECTS

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### **Game Data Collection and statistical analysis**

*Personal, Russia — Backend part, Python, R* *Technologies: Request, BeautifulSoup, Seaborn*

Data mining and data engineering. Frequentist statistics (Parametric Bootstrap) to check the hypothesis about the winner of the game regardless type of game

## EDUCATION

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**Sapienza University of Rome. Rome, Italy** *Sept. 2019 — present*  
MSc. in Data Science *GPA: 29.5/30.0*  
Department of Statistics

**People Friendship University of Russia. Moscow, Russia** *Sept. 2015 — June 2019*  
BSc. in Applied Math and Computer Science *GPA: 4.89/5.0*

## TECHNICAL STRENGTHS

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<b>Modeling and Analysis</b>	Python, R, SQL
<b>Frameworks / Software &amp; Tools</b>	PyTorch, TensorFlow, MapReduce, Hadoop / Git, Linux

## ACTIVITIES AND AWARDS

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*2017 - 2021*

- **Award:** Winner of Google training campus 2020, Image search engine; **Paper Publication:** Linear Prediction Algorithms for Lossless Audio Data Compression (International Conference on Neuroinformatics, 2019. Periodical: Advances in Neural Computation, Machine Learning, and Cognitive Research III)