

# Nodar Okroshvili

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## EDUCATION

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### Georgian Technical University

*PhD - Computational Linguistics*

Georgia, Tbilisi

*Sep. 2019 -*

### International School of Economics

*Master of Arts in Economics*

Georgia, Tbilisi

*Aug. 2014 - Aug 2016*

## EXPERIENCE

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### Data Scientist and ML Engineer

*MaxinAI*

Aug 2019 - Present

*Georgia, Tbilisi*

- Working with time series: Anomaly Detection, Similarity Measure, Predictive Modeling
- Build Question-Answering system to automate document processing workflow
- Scraping the data from different sources
- Processing the collected data and build query system for information retrieval

### Associate Professor

*Business and Technology University*

Sep 2019 - Present

*Georgia, Tbilisi*

- *Introduction to programming with Python*
- *Python for data analysis*

### Data Scientist

*Credo Bank*

Aug 2018 - Jul 2019

*Georgia, Tbilisi*

- Build the Credit Scorecard model
- Conduct Market Basket Analysis
- Revealed customers new segment
- Increased profitability of marketing campaigns

### Data Analyst

*Liberty Bank*

Oct 2017 - Jul 2018

*Georgia, Tbilisi*

- Managing program to predict daily cash demand for ATM's
- Conducting Time Series analysis of ATM's data to ensure healthy input
- Using anomaly detection algorithms to eliminate outliers
- Build custom models, such as ARIMA(X), SARIMA(X), EWMA

## PROJECTS

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### Contributor of the following projects:

- [Interactive deep learning book with code, math, and discussions](#)
- [Feature Engineering package with Sklearn like functionality](#)
- [Bi-Directional Transliterator for Python](#)
- [Prophet: Automatic Forecasting Procedure](#)

### Aspect Based Sentiment Analysis | *spaCy, Gensim, NLTK, Flask*

Apr 2020

- The project aims to classify restaurant reviews into several aspects on the sentence level, find useful terms in sentences and evaluate with sentiment scores.

### DataFest2020 Online Workshop | *SkLearn, NumPy, Matplotlib, Tensorflow*

May 2019

- [Detect if a person wears the face mask or not](#)
- [Workshop recording](#)

## TECHNICAL SKILLS

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**Languages:** Python, Julia, Bash, SQL (Postgres)

**Frameworks:** PyTorch, Keras/Tensorflow, Scrapy

**Developer Tools:** Jira, Git, Docker, Travis CI, GCP, AWS, VS Code, PyCharm

**Libraries:** Pandas, Dask, NumPy, Matplotlib, Seaborn, Scipy, Scikit-Learn, Statsmodels, Bokeh, Plotly/Dash, Spacy, Gensim, NLTK