

# ANASTASIA KUZNETSOVA

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## EDUCATION

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**Indiana University, Bloomington**

*September 2019 - Present*

PhD student

Computational linguistics

**NRU Higher School of Economics**

*September 2017 - July 2019*

Master

GPA: 8.98 (10-point scale)

Computational linguistics

**Russian State University for the Humanities**

*September 2013 - July 2017*

Bachelor

GPA: 4.98 (5-point scale)

Social Anthropology

## CARRIER OBJECTIVE

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Gain experience working in production area solving real-world NLP problems for real data. Be in course of the last tendencies and technologies by studying recent articles and implementing new NLP methods.

## PROJECTS

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**Named Entity Recognition for Russian Popular Science corpora**

The project aims to study Russian Popular Science corpora by means of computational linguistics. My role was to extract scientists' names by implementing context-free grammar. For this purpose I used Yandex's technology Tomita-parser.

**Morphological Disambiguation for Paraguayan Guaraní**

Morphological disambiguation task is being completed by using rule-based technology and statistical bilingual Guaraní-Spanish corpora alignment based on HMM and IBM algorithms.

**Machine Translation for Guaraní-Spanish language pair**

Google Summer of Code project for Apertium Open Source machine translation platform focusing on under-resourced and marginalized languages.

## TECHNICAL STRENGTHS

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**Programming languages**

Python, HTML, Bash, R

**Frameworks & Packages**

Skearn, NLTK, Pandas, Keras, HFST

**Skills**

Fact Extraction, Sentiment analysis, KeywordExtraction, Vectorization etc.

## WORK EXPERIENCE

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**Indiana University, Bloomington**

2019

*Graduate Research Assistant*

- Research in technologies for low-resourced languages.

**Mobile Telecom Systems, Artificial Intelligence Department**

2019

*Developer*

- Developing NLP tools for linguistic systems.

**Google Code-In**

2018

*Mentor*

- Mentoring for Apertium Open Source organization. Helped younger students in completing coding tasks.

**Google Summer of Code**

2018

*Developer*

- Developed machine translation system for Guarani–Spanish language pair.

**Russian State University for the Humanities**

2015 – 2016

*Department Assistant***EXTRA-CIRRICULAR**

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2014 – 2017 Volunteering for Brazilian Cultural Centre in Moscow by delivering public lectures.

Learned foreign languages: English (TOEFL 103), Portuguese (CELPE-BRAS), Spanish, Lithuanian.

Mixed Martial arts training;

*Les Mills* group training (GritCardio, BodyPump, BodyCombat)

**ADDITIONAL COURSES**

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Introduction to Probability and Data, Duke University

Inferential Statistics, Duke University

**PERSONAL TRAITS**

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Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.