

# Miroslav Tushev

I am a PhD candidate (research assistant) with 3+ years of experience in data analytics and software engineering, seeking a data scientist position. Strong track-record of publications in peer-reviewed venues. Skilled in Python, predictive modeling, inferential and descriptive statistics, data visualization, and machine learning. Passionate about discovering hidden patterns in big data.

## EXPERIENCE

### Louisiana State University, Department of Computer Science and Engineering — *Research Assistant*

2018 - PRESENT

- Published 10+ scientific papers in top venues in the field of Software Engineering for the Sharing Economy.
- Helped PI secure 2 NSF grants worth \$210,000 to sponsor our research lab and graduate students for 3 years.
- Developed a novel approach for topic modeling of mobile app user reviews with significant boost to topic granularity.
- Applied time series forecasting to measure code evolution in software releases.
- Posed hypotheses, applied statistical analysis, and developed machine learning models to gain insights from massive datasets.

### Louisiana State University, Department of Computer Science and Engineering — *Teaching Assistant*

2018 - 2020

- Designed and conducted an experiment to measure the impact of GitHub as a student collaboration platform.
- Independently supervised classes of 60-100 students (Numerical Methods with MATLAB and Intro to Java programming).
- Assisted students in groups and individually, identifying areas of improvement for their programming projects.
- Proctored student exams and tests and performed regular data entry tasks of student grades.
- Led LSU Pre-College Python summer camps for high-achieving K-12 students.

## EXTRACURRICULAR ACTIVITIES

- Blog about data science ([miroslavtushev.medium.com](https://miroslavtushev.medium.com)).
- Served as a student volunteer for the International Conference on Software Engineering (ICSE 2021).
- Maintained the official website and social media accounts of Crowd-Based Requirements Engineering Conference (CrowdRE 2020, 2021).
- Served as a reviewer for the International Conference of Mining Software Repositories (MSR).

## PROFILE

### Phone

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### Email

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### Portfolio

[miroslavtushev.com](https://miroslavtushev.com)

### Linkedin

[linkedin.com/in/miroslav-tushev/](https://linkedin.com/in/miroslav-tushev/)

## EDUCATION

### PhD in Computer Science

Louisiana State University

2018 - 2022

### MSc in Computer Science

Louisiana State University

2016 - 2018

### BSc in Management

The Russian Presidential Academy of National Economy and Public Administration

2009 - 2014

## SKILLS

**Programming:** Python, C#, bash

**Libraries:** pandas, numpy, scikit-learn, scipy, spacy, NLTK, gensim, matplotlib, tensorflow

**Misc:** MySQL, git, MS Excel