

Miroslav Tushev

I am a PhD candidate (research assistant) with 3+ years of experience in data analytics, seeking a data scientist position. Strong track-record of publications in peer-reviewed venues. Skilled in Python, predictive modeling, inferential and descriptive statistics, data scraping and 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.
- Helped PI secure **2 NSF grants** worth **\$210,000** to sponsor our research lab and graduate students for 3 years.
- Developed and submitted a paper on a novel ML approach for topic modeling of mobile app reviews for assisting app developers.
- Programmed a data scraping and code repository analysis tool (**10 kLOC**) for GitHub projects. Published in **2 papers**.
- Applied web data scraping techniques to extract, clean, and organize datasets of mobile app reviews and Tweets for further analysis.
- Posed hypotheses, applied statistical analysis, visualized data, 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).
- Led LSU Pre-College Python summer camps for high-achieving K-12 students.

EXTRACURRICULAR ACTIVITIES

- Blog about data science and ML on Medium (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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Portfolio

github.com/miroslavtushev

Blog

miroslavtushev.medium.com

Personal Webpage

miroslavtushev.com

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#, Java, bash, CSS, JS

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

Misc: SQL, git, MS Excel