Renat Sergazinov

LinkedIn: linkedin.com/in/renatsergazinov
Git: github.com/mrsergazinov
Phone: +1(405)857-5617
Email: mrsergazinov@tamu.edu

Research Interests Statistical learning, high-dimensional data, Bayesian inference, computational statistics, machine learning.

Education

Texas A&M University, College Station, TX GPA: 4.00/4.00
Ph.D. Statistics
Expected: May, 2025

University of Oklahoma, Norman, OK GPA: 4.00/4.00
B.S. Mathematics, B.A. Economics
Obtained: May, 2020

Relevant Experience

Teaching Assistant, Texas A&M University Aug 2020 - Present
- Assisted in teaching STAT-636: Statistical Learning
- Assisted in teaching STAT-651: Statistics in Research

Research Assistant, University of Oklahoma Aug 2019 - Aug 2020
- Assisted in developing software for force reconstruction in granular photoelastic materials using deep learning

Data Manager Intern, Samruk-Energy JSC Jul 2019 - Aug 2019
- Analyzed company's databases for implementation of data analytics tools with machine learning capabilities
- Designed conceptual and logical data architecture

Financial Analyst Intern, Vertical CJSC May 2018 - Jun 2018
- Analyzed company's financial database to optimize business processes and help create unified management database
- Identified and reported omissions across management and financial databases
- Worked with ERP system and oil and gas distribution logistics system

Graduate Courses Probability for Statistics, Theory of Linear Models, Statistical Computations, Statistical Methodology, Bayesian Modeling and Inference, Asymptotic Statistics

Technical Skills

Languages: C++, R, Python, SQL
Software: GitHub
Packages: TensorFlow, Keras, Scikit-learn, XGBoost

Publications

Sergazinov, Renat, and Miroslav Kramar. "Machine learning approach to force reconstruction in photoelastic materials." *arXiv preprint arXiv*:2010.01163 (2020).

Grants

Undergraduate Research Program, University of Oklahoma Fall 2019
Project with Professor Miroslav Kramar, $800.00

Honors

University of Oklahoma: President's Honor Roll (2018-2019), Transfer Leadership Award, Transfer Academic Excellence Award, Alexander B. Holmes Scholar, Frederick B. Swan Scholar

Certifications	**Data Structures and Algorithms, Coursera**	Sep 2019
	C++ Development Basics: White Belt, Coursera	Aug 2019
	Unsupervised Machine Learning, Coursera	Aug 2019
	Supervised Machine Learning, Coursera	Jul 2019
	Mathematics and Python for Machine Learning, Coursera	Jun 2019
	Modern Combinatorics, Coursera	Jun 2018

Other Experience	**Science Tutor, Suffolk University**	Sep 2017 - Dec 2017