

ZHUMAGALI SHOMANOV

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EDUCATION

PhD in Mathematics | University of Florida | Gainesville August 2020 – Present
Research: Partition congruences, modular forms, q -hypergeometric series
Advisor: Frank Garvan

MSc in Mathematics | Louisiana State University | Baton Rouge August 2018 – June 2020

Specialist in Applied Mathematics and Computer Science September 2008 – June 2013
Lomonosov Moscow State University | Moscow

SKILLS

Programming (C, C++, Python, Maple, Mathematica), Parallel Computing, Machine Learning, Cryptography, Stata.

WORK EXPERIENCE

Teaching Assistant | University of Florida | Gainesville August 2020 – Present
Helped to develop an Algebra course on myopenmath

Teaching Assistant | Louisiana State University | Baton Rouge August 2018 – June 2020

Instructor | Nazarbayev University | Astana January 2018 – August 2018

Teaching Assistant | Nazarbayev University | Astana December 2013 – December 2017

I taught the following courses: Algebra, Trigonometry, Precalculus, Calculus 1, 2, 3, Linear Algebra, and Differential Equations.

COMMUNITY SERVICES

- Mentored Nazarbayev University students for International Mathematics Competition (Bulgaria) in 2015.
- Co-organized the 1st Summer School on “Mathematical Methods in Science and Technology” held from June 5–10, 2017, at Nazarbayev University, Astana, Kazakhstan, under the supervision of Dr. Anastasios Bountis.

LANGUAGES

- Kazakh (native)
- English (fluent)
- Russian (fluent)