Mukhammadmuso Abduzhabbarov

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Personal Information

DoB: 07/07/1984
Nationality / Citizenship: Uzbek / Kyrgyz Republic
Residence: Tashkent, Uzbekistan
Languages: English(C2), Turkish (C2), Kyrgyz (C2) and Russian (B2)
Driving Licence: A, B, C

Areas of Interest

- Data Science (ML, CV, NLP, NN)
- Algorithms
- Scientific Computations
- Numerical and Approximation Methods

Computer Skills

- **Python** – Advanced (NumPy, matplotlib, SciPy, pandas, scikit, OpenCV, PyTorch, TensorFlow, etc.)
- **AWS, Microsoft Azure, Google Cloud Services** (only Machine Learning sections)
- **R, C++, MATLAB, Maple** – Intermediate
- **SQL, PostgreSQL** – Advanced

Professional Experience

Oct 2024 – Present	Course Lead for MSc in Business Intelligence and Analytics **Westminster International University in Tashkent**
Sep 2024 – Present	Senior Lecturer in Computing **Westminster International University in Tashkent**
Apr 2022 – July 2024	Chair of Department of Mathematics and Natural Sciences **University of Central Asia, Naryn, Kyrgyzstan**
May 2022 – Sep 2022	ML Expert & Consultant **Reviro.io Software Development Company, Bishkek, Kyrgyz Republic**
Oct 2021 – July 2024	Assistant Professor of Mathematics **University of Central Asia, Naryn, Kyrgyzstan**
Aug 2021 – Sep 2021	Senior Lecturer in Mathematics **University of Central Asia, Naryn, Kyrgyzstan**
Apr 2016 – Jun 2019	Assistant Professor of Applied Mathematics and Informatics **Alatoo International University, Bishkek, Kyrgyz Republic**
Sep 2015 – Oct 2017	Head of Department of Applied Mathematics and Informatics **Alatoo International University, Bishkek, Kyrgyz Republic**
Sep 2012 – Apr 2016	Senior Lecturer in Mathematics **Alatoo International University, Bishkek, Kyrgyz Republic**
Sep 2007 – Aug 2012	Mathematics Teacher **Ch.Aitmatov High School, Bishkek, Kyrgyz Republic**

Coaching

2019 - Present	Competitive Programming Contests Coach
	ICPC, Google Code Jam, Yandex Cup, etc.

Education

Feb 2021 - Feb 2024	Master of Data Science
	Faculty of Computer Science, Higher School of Economics, Moscow, Russia
Jan 2012 - Dec 2015	PhD in Mathematics
	Institute of Natural and Applied Sciences, Manas University, Bishkek, Kyrgyz Republic
Sep 2008 - Jan 2019	Master of Mathematics
	Institute of Natural and Applied Sciences, Manas University, Bishkek, Kyrgyz Republic
Sep 2001 - Jan 2007	Bachelor of Mathematics
	Faculty of Arts and Sciences, Middle East Technical University, Ankara, Turkey

Publications

- Approximating the Stieltjes Integral Using the Generalized Midpoint rule, **MATEMATIKA**, 2011, Volume 27, Number 2, 139–148 Department of Mathematical Sciences, UTM, Malaysia
- Solving Linear Fredholm-Stieltjes Integral Equations of the Second Kind by Using the Generalized Midpoint Rule, **Journal of Mathematics and System Science** 5 (2015), 459-463 David Publishing, USA
- Approximation solution of Linear Volterra – Stieltjes Integral Equation of the Second Kind Using Generalized Midpoint Rule, **Manas Journal of Engineering**, Volume 4, Issue 2, 2016, 42-51, Bishkek Kyrgyzstan
- On numerical solution of the second-order linear Fredholm–Stieltjes integral equation, **AIP Advances** 11, 075120 (2021)
- Error Analysis of The Second-Order Linear Fredholm–Stieltjes Integral Equation (under review)

Certificates

2023	Instructional Skills Workshop, Aga Khan University, Pakistan
2020	PGCHE by Cambridge University
2016	Erasmus+ Staff Mobility Exchange Program at Bialystok University of Technology, Poland
2010	TOEFL IBT **Score: 91**
2010	GRE General **Quantitative 800**

Projects

- **Digital Resilience Leadership Training Program**, University of Central Asia in partnership with the World Bank, 2022
- **Bookaroom.app** - Campus Course Scheduling and Room Booking Application, 2022
- **Hackathon for Girls** in Collaboration with UNICEF Kyrgyzstan, 2022
- Campus Entry/Exit Registration System using **Face Recognition**, 2023

Conferences

- **NLP Rasa Workshop** held by AI Specialist Joe Dumoulin, Young Inventors, Kyrgyzstan, Jan 19, 2019.
- **GDG DevFest**, Bishkek, Dec 15, 2018.