

Besmira Dervishi

EDUCATION

Sep 2016 - Mar 2019

Master of Science in Mathematics

Institute of Analysis and Number Theory | Graz University of Technology

Research Thesis: Properties of Random Partitions of Large Integers

Aug 2011 - May 2015

Bachelor of Mathematics and Economics

Cum Laude Honours | American University in Bulgaria

Research Theses:

Mathematics - On the odd and even indexed parts of random partitions of large numbers

Economics - Real-estate market pricing using dynamical systems

WORK EXPERIENCE

Jul 2019 - Nov 2024

Data Scientist

Ritech Group of Companies

- Deploy prediction algorithms and developed techniques for monitoring and visualizing performance in logistics industry
- Work closely with development teams to ensure accurate integration of machine learning models into company's projects
- Implementation of Time Series Prediction Model to forecast human behaviour using Deep Learning methods
- Text classification and clustering using Natural Language Processing techniques applied on a recruiting platform to select best candidates

Oct 2016 - Apr 2019

Researcher

Institute of Analysis and Number Theory | Graz University of Technology, Austria

- Research on partition theory for large numbers
- The research work was reflected on my Master's Thesis
- The research was supported by FWF Funds (Austrian Government) for Project F5503

Jan 2013 - May 2015

Teaching Assistant

American University in Bulgaria, Bulgaria

- Assisted Professor Ljuben Mutafchiev in the following courses: Statistics, Calculus II and Mathematical Statistics
- Gave weekly tutorials, reviewed the material and graded homework assignments

TECHNICAL SKILLS

KEY Python, R, SQL PostgreSQL, AWS Quicksight Tool)

OTHER Matlab, C++, STATA, JMulti, \LaTeX

LANGUAGES

Albanian (native), **English** (fluent), **Italian, German, Spanish, French** (beginner)