

# Michael Rozanov

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## EDUCATION

### BSc (Hons) Mathematical Sciences, University of Bath, Bath

Oct 2017 – Jun 2020

Modules: - Artificial Intelligence 76% - Graphs and Networks: Theory and Applications 73%  
- Programming and Discrete Mathematics 72% - Functional Programming 68%  
- Vibrations, Waves & Optics 65% - Methods and Applications 63%

Projects: - Designed and implemented a Sudoku solver & spam filter in Python.  
- Investigated credit contagion risk in mathematical models of the interbank lending network.  
- Created and analysed a suitable mathematical model for the virus spread in the population.  
- Statistical analysis on how different vehicle types contribute to NO<sub>2</sub> levels for a proposed Clean Air Zone in Bath.  
- Group statistical report in differences between road traffic accidents in 20/30mph speed limit areas nationally.  
- Group statistical report exploring causes of the gender pay gap.

Activities: Achieved 9<sup>th</sup> in the BUCS Men's Novice Barebow Indoor Archery Championships 2018 (Southern); member of the Archery Club, Motorcycle Club and the Vegetarian Society

### A Levels, Paddington Academy, London

Sep 2015 – Jun 2017

Subjects: Maths A\*, Further Maths A\*, Russian A\*, Physics A

Award: Took part in the UK Senior Maths Challenge twice, achieved 1 Silver (2015) and 1 Bronze (2016) certificates

Activities: Participated in the Insight Day event at EY's London Office (in association with Teach First) in 2016; selected to participate in the UCL Maths Summer School and Mathematics Masterclasses at Greenwich University in 2016

### GCSEs, Holland Park School, London

Apr 2014 – Jun 2015

Result: A\* - C

Activity: Volunteered as a tutor to teach GCSE Maths to students

### Russian GCSEs, Russian Embassy School, London

Jan 2013 – Jun 2014

Result: 5 - 4 (highest possible: 5)

Activities: Utilised my excellent IT skills and developed a [website](#) about Sherlock Holmes for an annual international conference among Russian Embassy schools all over the world; participated in the International Mathematical Kangaroo Olympiad in 2013

## EXPERIENCES

### IT Infrastructure Deployment Specialist for Morpheus Games UK, London

Oct – Nov 2020

- Set up 5 work stations and built computers by assembling all the necessary parts for a start-up theatre company for their online business. Installed Windows operating system and all necessary software from Microsoft Office to Zoom on all of the computers. Provided necessary support and troubleshooting, and made sure everything works smoothly.
- Set up corporate email infrastructure on the company's website and created domain email accounts.
- Configured links to recurring Zoom meetings (theatre play livestream) to allow multiple accounts so the audience can join the host and watch the play easily.
- Collated information and compiled lists of media and relevant parties (schools, students' unions, etc.) in preparation for the company's press release and adverts.
- Utilised my excellent interpersonal and linguistic skills and facilitated communication between Russian clients and English actors. Translated documents from Russian to English.

### Team Guide for Russia, International Mathematical Olympiad 2019 (IMO 2019), Bath

Jul 2019

- Provided pastoral support for six Russian contestants and facilitated the leaders and observers during the event.
- Managed an emergency budget of £50 provided by the organiser to the team.
- Utilised good communication and interpersonal skills, and interpreted between English and Russian accurately for the team.
- Prioritised daily tasks given and showed strong multitasking skills by ensuring the Russian delegates had a pleasant experience at IMO 2019.

### Marshal, Rough Runner, London

Sep 2017

- Worked as a team to monitor the obstacles, explained the rules to the participants in detail, and made sure that the runners were safe in the challenge.

### Fundraising Volunteer, MediCinema, London

May 2014

- Created a fundraising page online and cycled in Wales for charity.

## SKILLS

**Languages:** Russian (native), English (near-native), Spanish (basic)

**IT proficiency:** Excel, Word, PowerPoint, Adobe Photoshop and Lightroom, Website Development

**Programming languages:** MATLAB, RStudio, Haskell, Java, Python (Jupyter Notebook), SQL, HTML, Kumir

**Courses & Certificates:** [Mastering SQL Query](#), [Microsoft Azure Fundamentals](#)

**Website development:** [Personal Photography Portfolio](#), [Personal Home Page](#)