

# Alexander Mikhailov

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## EDUCATION

### PhD Mathematical and Instrumental Methods of Economics

Moscow, Russia | On Hold

STATE UNIVERSITY OF MANAGEMENT, INFORMATION SYSTEMS INSTITUTE

### Specialist Magna Cum Laude Management

Moscow, Russia | Jun 2011

STATE UNIVERSITY OF MANAGEMENT, NATIONAL AND WORLD ECONOMY INSTITUTE

## WORK EXPERIENCE

### WILLIS TOWERS WATSON | BROKER

Moscow, Russia | Nov 2018 - Nov 2022

- Supported Team with Servicing the Portfolio of over 50 Accounts of Largest Oil & Gas Clients.
- Designed, Developed and Supported Paperwork Service Using **Python3** Libraries **pandas**, **docx-mailmerge**, **nltk** Which Optimized Corresponding Workflow and Made Insurance Documents Production at Least 10 Times Faster.
- Developed Over 50 Other Micro-services for Facilitation of the Workflows Using **Python3** and **VBA** Which Facilitated Risk Data Collection & Wrangling, Consolidation and Analysis.

### CHUBB | MULTINATIONAL UNDERWRITER

Moscow, Russia | Feb 2014 - Nov 2018

- Serviced the Portfolio of Large Multinational Clients, Circa 150 Insurance Policies per Year.
- Created and Delivered Various Scale Reports for Clients and Internal Stakeholders.
- Developed and Supported Spreadsheet Weekly Service Progress Reporting Tool Using **VBA** Which Made the Reports Production at Least 10 Times Faster.
- Developed a Number of Micro-services for Facilitation of the Workflows Using **VBA** and **Microsoft Mail Merge** Technology Which Facilitated Risk Data Collection & Wrangling, Consolidation, Analysis and Insurance Documents Production.
- Designed **Microsoft Access** Database for Storing Risk Data Based on Multiple Input Sources Received as **.txt**, **.csv** and **.xls(x)** Files.

### MECHEL | MARKETING ANALYST

Moscow, Russia | Jul 2013 - Oct 2013

- Developed Pricing Models for Sales Department;
- Contributed to Data Pipeline Project Using Data Collection from Various Data Sources, Like IHS McCloskey's, S&P Global Platts etc., Data Consolidation, Interpretation and Analysis.

### CHUBB | OPERATIONS SPECIALIST

Moscow, Russia | Apr 2012 - Jun 2013

- Implemented 10 Insurance Documentation Projects Using **Microsoft Mail Merge** Technology Based on **Microsoft Word** Template and **Microsoft Excel** Spreadsheet Which Made Documentation Production at Least 10 Times Faster & Facilitated Control Over the Process.
- Operated Corporate Proprietary Database as the Client in Respect of Underwriting Information.

### STATE UNIVERSITY OF MANAGEMENT | STAFF RESEARCH SCIENTIST

Moscow, Russia | Sep 2009 - Jun 2011

- Conducted Research in Economic & Demographic Sciences; Produced the Official Research Report on Funded Work with the Team of Peer Researchers.
- Published 3 Research Papers. One of Those Papers Received Honors Degree Diploma at "Eureka-2009" Contest.

## PROJECTS

### STAT-CAN

**PYTHON3, REGULAR EXPRESSIONS, DATA SCIENCE, WEB REQUESTS, WEBSITE PARSING**

A Statistics Canada Web Scraper for Sources Metadata. The program collects sources' metadata and distributes it to **Microsoft Excel** Spreadsheet.

## SKILLS

**Main Concepts:** Deep Learning, Design Patterns, Lazy Evaluation, Machine Learning, Mathematics, Object-Oriented Programming, Statistics

**Languages:** Python3, Bash, SQL, Visual Basic for Applications, HTML/CSS. Interested in Haskell & Rust

**Main Tools:** Anaconda3, GitKraken, Jupyter Notebook, Linux, Visual Studio Code, pgAdmin4

**Main Python Libraries/Frameworks:** Django, Flask, NumPy, TensorFlow, pandas, sklearn, spaCy

## LINKS

[Stack Overflow](#) | [Kaggle](#) | [Codewars](#) | [Hackerrank](#) | [Leetcode](#)