Dmitry Malakhov

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Personal information

Date of birth	21 July 1991
Nationality	Russian
Status	Not married

Education details

2014 – 2017	PhD, Faculty of Economics, NRU HSE, Moscow **Major**: Quantitative Economics
2012 – 2014	Master, Faculty of Economics, NRU HSE, Moscow **Major**: Quantitative Economics
2008 – 2012	Bachelor, Faculty of Economics, NRU HSE, Moscow **Major**: Quantitative Economics

Working experience

January 2014 – Present

NRU HSE, assistant professor and junior research analyst
- Responsibilities:
  - lectures and seminars on probability theory and mathematical statistics, introductory preparing course to master program, in Russian
  - seminars on Introduction to Econometrics (International College of Economics and Finance), The London School of Economics and Political Science external course, in English
  - seminars on Econometrics (Higher School of Economics – New Economic School bachelor program), The Harvard University program, in English
  - seminars on Time Series Econometrics (Higher School of Economics – New Economic School bachelor program), in English
  - seminars on Time Series Analysis (Higher School of Economics, master program), in Russian
- Achievements: developed new program for probability theory and mathematical statistics lectures and seminars and up-to-date PhD level program for Time Series Analysis seminars

May 2014 – June 2014

"NorthEnergyVentures", American-Russian seed venture fund, Moscow, Intern
- Responsibilities: investment projects search, projects' analysis, preparing of investment memos
- Achievements: 1. I found two important projects for seed investment. 2. I worked on deal, which was named as the most perspective Skolkovo startup

August 2013 – November 2013

"VimpelCom Ltd" ("Beeline" brand), Moscow, Marketing department, Intern (positive reference from manager)

- Responsibilities: analysis of competitors and products, launch of new local products, post-analysis of marketing policy
- Achievements: 1. I conducted project "beautiful numbers": I updated prices, enlarged the list of "beautiful numbers", provided marketing police and created the design of a new site page. Annual revenue increase due to all activities ≈ 500.000 rub. 2. I reorganized, optimized service 0611 and made it more user-friendly. So number of service users increased by 20% next month

July 2013   "British American Tobacco", Moscow, Product department, Intern
- Responsibilities: data analysis, analysis of competitors' products
- Achievements: I restructured and optimized a report of tobacco movement. Data processing time reduced by $15 - 20\%$

Languages   English – advanced (good business English and presentation skills)
Russian – native

Programming   VBA (Basic level), SQL (Basic level)

Honors and achievements

1. GPA: 8.03 out of 10 – bachelor's diploma, 9.13 out of 10 –master's diploma
2. Top 3 student
3. The Winner of the Moscow School Olympiad in economics (2008 y.)
4. The Winner of the HSE Olympiad for students (Mathematical economics and econometrics) (2014 y.)
5. The President grant for talented students (2008 y.)
6. The Personal Scholarship of the Moscow Government (2012 y.)
7. The Personal grant of ARETT (2012 y.)
8. The reserve officer (2012 y.)
9. During learning in the magistracy I'm receiving a PhD degree ("Magistracy – PhD track" option for top students) and already I have successfully passed PhD examinations
10. The case team leader
11. IELTS – 7.0 out of 9.0 (September 2012)
12. The Personal scholarship to name for Joseph Alois Schumpeter (2013 y.)
13. The Personal Academic Scholarship (2014 y.)
14. Talent Reserve for young readers and professors, HSE (2015-2016 y.)

Scientific papers

1. Malakhov, D. I., Stankevich, V.P., (2013), Comments and translation of Heckman, J.J. "Sample selection bias as a specification error", *Applied econometrics*, №51 *(in Russian)*

2. Malakhov, D.I., (2013), "Estimation of efficiency in SFA (stochastic frontier analysis) models: case of Russian concrete data ", *NRU HSE, Compilation of best bachelor's qualification papers (in Russian)*

3. Malakhov, D.I., Pilnik, N.P., (2013), "Methods of estimation of the efficiency in stochastic frontier models", *HSE economics journal,* vol.17, №4 (in Russian)

4. Malakhov, D.I., Pilnik, N.P.,(2013), "New methods of modeling of bank's system", *compilation of papers of 56-th MIPT conference* (in Russian)

5. Malakhov, D. I., Stankevich, V.P., (2013), Comments and translation of Newey, W.K., West, K.D., "A simple, positive semi-define, heteroscedasticity and autocorrelation consistence covariance

matrix", *Applied econometrics,* №33(1) (in Russian)

6. Malakhov, D. I., Pospelov, I.G., (2014), "Evolution of distributions of key aggregates of Russian bank industry", *Proceeding of MIPT*, vol.6, №4(24) (in Russian)

7. Malakhov, D.I., Pilnil, N.P., Radionov, S. A, (2015), "Stability of the distributions of banks on key aggregate variables", ", *HSE economics journal,* vol.19, №4(in Russian)

8. Malakhov, D.I., (2015), "Risks of structural changes in banking industry and its consequences", *Risk management in credit organization*, vol. 20, №4 (in Russian)

9. Malakhov D. I., Pilnik N.P., Pospelov I. G., (2015), "Stability of Distribution of Relative Sizes of Banks as an Argument for the Use of the Representative Agent Concept*", Working papers by NRU Higher School of Economics, Series EC "Economics", No. WP BRP 116/EC/2015.*

10. Demidova, O.A., Malakhov, D, I., (2016), **Textbook** "Basic Econometrics", forthcoming (in Russian), URAIT publishing house (in Russian)

Conference participation	1. Malakhov, D.I., Pilnik, N.P., November 2013, Moscow, "New methods of modeling of bank's system", *56-th MIPT conference*
	2. Malakhov, D.I., October 2014, Moscow, "Evolution of Russian banking industry", ECOMOD conference, *CCAS*