

Sergey Alexeev

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Formal Education

Certified Specializations 2019 – now

Data Science Professional Certificate, IBM Big Data University
Python for Everybody, University of Michigan
Applied Data Science with Python, University of Michigan

PhD in Economics, University of Technology Sydney 2015 – now

PhD dissertation “Three Essays on the Economics of Education and Inequality”

(Committee: Siminski P., Hafalir I., Tomoeda K., Stavrunova O):

- A Cross-Country Comparison of the Effects of Home Ownership on Income Mobility, Inequality and Polarization
- The Effect of Test Preparation Industry on Stability of Centralized College Admission
- The Structure of Wages in Russia: 1985 – 2015

Master’s Degree in Economics, York University 2013 – 2014

Research papers:

- Monetary Policy Evaluation During Global Financial Crisis
- Optimal Portfolio Composition and Asset Pricing with RW, CAPM, CCAMP

Master’s Degree in Finance, University of Paris Dauphine 2009 – 2011

- Master’s thesis: The Comparative Analysis Post-Crisis IPOs

Bachelor of Financial Management, GSOM, Saint-Petersburg State University 2005 – 2009

School Diploma with Focus on Theoretical Physics, Rocket and Artillery Cadet Corp 2002 – 2005

Work Experience

Data Analyst: NSW Department of Education 07/2019 – now

- Evaluating the program intervention

Research Assistant: University of Technology Sydney 08/2017 – now

- New approaches to estimating nonlinear time-varying macroeconomic models (Dr. Joshua Chan)

Casual Academic: University of Technology Sydney 08/2017 – now

Tutor: Graduate School of Management: Saint-Petersburg State University 08/2014 – 06/2015

Teaching Assistant: Department of Economics, York University 09/2013 – 06/2014

- Developed implemented class-type materials and exams
- Evaluated and maintained confidential student records and provided feedback
- Corresponded with students through office hours and e-mail to clarify course materials

Assistant Project Manager: ReDeal Group 09/2011 – 12/2012

- Assisted in setting up a new business unit
- Consulted on the general business models for varies SME clients
- Provided managerial support in the areas of tax, strategy and marketing

Lead Project Manager: University of Information Technologies, Mechanics and Optics 02/2011 – 07/2011

- Assisted in developing project proposals, applications and cost sheets
- Organized negotiations with potential partners, sponsors and co-executors
- Assisted in project management and record-keeping

Analyst: ReDeal Group 02/2010 – 12/2010

- Monitored and simulated M&A deals
- Calculated valuation multiples
- Analyzed macroeconomic industrial and company level statistics
- Took part in comprehensive research of the IT industry with an emphasis on corporate control

Assistant to the Credit Officer: Project Finance Department, Sberbank 06/2009 – 09/2009

- Valuated borrowers' solvency
- Monitored and evaluated investment projects; appraised assets
- Consulted client regarding arrears restructuring

Teaching Experience

Intermediate Microeconomics (Bachelor program at UTS)

Industrial Organization (for a University of New England bachelor student)

Time Series Econometrics (for a UTS bachelor student)

Predictive Analytics/Data Mining and Data Analysis (for a USyd bachelor student)

Macroeconomics/Microeconomics (1st year Bachelor program at York University)

Macropolicies in Global Environment (Bachelor in Management (3rd year) at GSOM)

Macroeconomics (Bachelor in Management (1st year) at GSOM)

Global Governance (Master in Management at GSOM)

Contemporary Financial Intermediation (Master in Management at GSOM)

Awards and Scholarships

Australian Postgraduate Research (APR) Intern Scholarship	2019
International Research Scholarship	2015
Ross Milbourne Research Scholarship in Economics	2015
UTS Top Up Scholarship	2015
York Graduate Scholarship for Academic Excellence	2013
York International Tuition Fee Scholarship	2013
Start-up grant and publication of business idea in the digest of the business club "Young, Daring, and Promising"	2011
GSOM grant for studying abroad and exchange program at The University of Dublin, Trinity College	2008
Participation in the L'Oreal e-Strat Challenge business-game; reached the semi-final and came second in Russia	2008
Best second year research paper at GSOM	2006

Seminars and Conference Presentations

Presentation of a working paper at the PhD students' conference at UTS	2018
Presenting work titled "Wage Premium Roller Coaster" at a European University seminar in Saint-Petersburg	2018
Presentation of master's thesis titled "IPO in Developing Countries after the GFC" at the students' conference "Post Crisis Development and International Integration"	2011
Presentation of research into the Russian IT industry at the seminar on Business Reorganization by ReDeal Group	2010
Presentation and publication on the topic: "Modern Brands Based on Soviet Trademarks" in a collection of theses and articles within VII International Student Conference, GSOM	2009

Computer Literacy

R, Python, SQL, Gauss, Matlab, Mathematica, Unix, LaTeX, MS Office Suite, Adobe Creative Suite

Main Research Interests

Applied econometrics, policy analysis, forecasting

Referees (available on request)

Peter Siminski

Associate Professor, University of Technology Sydney

Andrei Semenov

Associate Professor, York University, Toronto

John Smithin

Professor Emeritus, York University, Toronto

Yuri Biondi

Affiliated Professor, École supérieure de commerce de Paris (ESCP) Europe

Igor Baranov

Vice Dean, Programme Development and Applied Research at Sberbank Corporate University

Yuri Ignatishin

Advisor, Investor, Entrepreneur
