

# Boris Garbuzov

UToronto St. George campus, Toronto ON, Canada

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## PROFILE HIGHLIGHTS

- Canadian citizen, undergoing Ph.D. program, member of Statistical Society of Canada, American Statistical Association
- **Data science technologies:** R, Stata, Excel, MatLab, Wolfram, Python, SAS base certificate
- **Statistics and machine learning areas:** time series, ARIMA, GARCH, logistic regression, clustering, hypothesis testing, classification, generalized linear models, experiment design, sampling.
- **Data visualization:** 3D-plots, heatmaps, histograms, and ridgeline plots in Tableau, ggplot2, matplotlib
- **General programming and QA:** Java, XML, JUnit, Ant, SQL, MySQL, Git, Amazon Web Services
- **Code:** <https://github.com/statistics101>

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## WORK EXPERIENCE

**Teaching Assistant** (part-time, while a graduate student) Sep 2009 - Present  
*U of Toronto, Western U, Simon Fraser U, Canada*

- Tutorials in math, statistics, machine learning and economics courses using R, Python, Stata, SPSS, Eviews and MatLab

**Assistant Statistical Methodologist** (on co-op term) May 2013 - Aug 2013  
*Business Survey Methodology Department, Statistics Canada, Ottawa, ON, Canada*

- SEVANI package, variance estimation due to imputation, SAS and SQL unit testing and benchmarking code

**Junior Java Programmer / Unit Tester** Mar 2002 - Aug 2004  
*Bluestream, BC, Canada*

- Java unit tests, 200 test cases, Ant, JUnit, XML, low level database engine development, web-statistics, class design

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## EDUCATION

**PhD in Statistics** (in progress) Sept 2014 - Present  
*University of Toronto, Toronto, ON, Canada*

- Courses in probability and statistics. Specializing in time series. 20k lines of R code, 3k lines of Python code. Confidence bands. Consistent estimates. Locally stationary processes. 2k pages of technical text.

**Master of Statistics and Actuarial Science** Sept 201 - Aug 2014  
*Western University, London, ON, Canada*

- Courses on survival analysis, risk management and modelling, generalized linear models, financial math and simulation. Project with medical trials data.

**Master of Economics** Sept 2009 - Aug 2011  
*Simon Fraser University, Vancouver, BC, Canada*

- Courses and projects on micro and macro-economics, game theory, finance and econometrics. Programming in Stata.

**Bachelor of Business Administration, Finance** Sept 2004 - Aug 2009  
*Simon Fraser University, Vancouver, BC, Canada*

- Courses, in marketing, finance, accounting, management, organizational studies, HR, economics, mathematics, statistics, critical thinking. Recommendation system data mining project in text analysis.

**The detailed 2-page resume is available on request**