

# Jordan Bell

## Data Science and Business Analytics



Toronto, Ontario



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## About me

I am enrolled in the Analytics for Business Decision Making Graduate Certificate at George Brown College, which I finish this April, and have completed and am continuing further online courses for programming and machine learning.

Because I am starting my career in data science, I want to work with experienced team members who will enable me to improve my programming skills and my business knowledge. As long as I am working on projects that refine my skills and give me exposure to some aspect of data science (from either the business or the data modeling point of view), I am interested in junior positions in particular in the fields of financial services and reporting; market research; SAS programming and reporting; Python data cleaning, preparation and visualization; and time series forecasting. I wish to stay at any position enough time to be able to refine skills and make substantial contributions to projects.

## Skills

Mathematics and probability

Technical writing and presentation

Statistics

SAS programming

Machine learning (Python and SAS EM)

Data visualization

Tableau

Time series analysis

## Education

- 2018-2019 Graduate Certificate, Analytics for Business Decision Making  
George Brown College, Toronto  
Broad exposure to data analysis from the business perspective, including marketing and business research, financial statement analysis, and data modeling and project methodology (CRISP-DM, SEMMA, BPM, Six Sigma).
- 2009-2017 Ph.D. candidate  
University of Toronto, Department of Mathematics  
Worked on wellposedness problems and invariant measures for the non-linear Schrödinger equation. Canada Graduate Scholarship (CGS D) recipient.  
Left program without degree. Completed comprehensive exams and took research courses including compressed sensing, Hamiltonian and Lagrangian mechanics, statistical mechanics, and stochastic calculus. Published journal papers as sole author and with coauthors, attended international research conferences, refereed for peer reviewed journals, and instructed undergraduate mathematics courses.
- 2007-2009 M.Sc.  
University of Toronto, Department of Mathematics  
Canada Graduate Scholarship (CGS M) recipient, in 2008-2009 was head organizer of weekly Mathematics Graduate Students Association seminar.
- 2003-2007 B.Math., Highest Honours, University Medal in Mathematics  
Carleton University, Ottawa

## Experience

- 2019 Consilium Crypto, Toronto  
Consultant: Reporting and predicting cryptocurrency metrics using machine learning  
One of a two member consulting team for Client Project with George Brown, Analytics for Business Decision Making. Participate in weekly video conferences with members of Consilium Crypto and communicate regularly on Slack with members of the client team.  
Descriptive statistics, visualizations, and predictive model development in Python combining and resampling times series exchange and blockchain data for Ethereum tokens.
- 2013-2017 Department of Mathematics, University of Toronto  
Course instructor  
Worked as instructor both alone and with teams for multiple section courses. Taught differential equations and multivariable calculus many times, and also linear algebra. Also worked as teaching assistant for courses in linear programming, partial differential equations, and non-linear optimization.

## Selected online courses

 Full list of certificates on LinkedIn.

- *Getting Started with Data Science*, SAP openSAP. (Top 5%.)
- *Machine Learning with Python - Level 1*, IBM Cognitive Class.
- *Applied Data Science with Python - Level 2*, IBM Cognitive Class.
- *SAS Programming 2: Data Manipulation Techniques*, SAS.
- *SAS SQL 1: Essentials*, SAS.

**Publications** 13 publications, both as sole author and with coauthors, in journals such as Mathematics Magazine, Discrete Applied Mathematics, Journal of Mathematical Analysis and Applications, Annals of Combinatorics, Discrete Mathematics, Journal of Combinatorial Designs, and Acta Arithmetica.  
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