

# Shawn S. Unger

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## Education and Awards

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**Triple Major in Mathematics, Statistics and Economics, University of Toronto** 2014 – 2018

- 3.6 cGPA (4.0 scale) and earned the Dean's List designation 2014 - 2017
- Awarded President's Entrance Scholarship (2014) and Directors Achievement Award (2014)

### Competitions:

- 1<sup>st</sup> place BlackRock Intern Hackathon for West Coast Offices (2017)
- Competed in Chartered Business Valuators Case Competition (2015)
- 1<sup>st</sup> place at Investors of Tomorrow Stock Pitch University of Toronto (2014)

## Professional and Work Experience

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**Intern, Portfolio Analytics Group, BlackRock, San Francisco** June 2017 – Present

- Composed research paper on current market indexes leading to development of new product line
- Invented a new algorithmic approach to building equity market index series, generalized to be implemented on any equity time series data, allowing to create an assortment of funds
- Produced R and Python software for generating, back testing, and maintaining the new index series

**Research Assistant, Economics Department, University of Toronto** May 2016 – June 2017

- Developed data mining and analysing Python software for large data sets using rule-based classification, leveraging NLP and RE, allowing for a reclassification with below %0.5 error rate

**Junior Analyst, Global Cash Management, Bank of Montreal, Toronto** May 2016 – August 2016

- Consolidated data to produce daily automated custom financial models trending for liquidity of all the Canadian and US Nesbitt (broker) lines of business, using Excel, Access, and TIBCO Spotfire
- Remodeled the CAD trading desk's intra-day funding sheets, using VBA and Excel, producing live data on funding needs and shortfalls; decreasing operational risk to stakeholders

**Market Research Analyst, Levin Consulting Group, Toronto, Ontario** June 2015 – August 2016

- Designed Excel-based business models, PowerPoint presentations, and both industry and SWOT analyses that identified various strategies and insight for client acquisitions and investments

**Investment Accounting, Workplace Safety & Insurance Board, Toronto** May 2015 – June 2015

- Wrote personal reports on fund's annual & quarterly performance for the CIO and Investment Team
- Improved and analyzed Excel models of fund's activity which eliminated 200 hours of manual work

## Leadership and Extracurricular Experience

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- **Boxing Coach, University of Toronto Boxing Club, Toronto** Oct 2015 – Present
- **Student Mentor, University of Toronto Statistics Department, Toronto** Oct 2016 – Apr 2017
- **Future Technology Leaders Program, Accenture PLC, Toronto, Ontario** Feb 2015 – Aug 2016
- **Analyst Intern, Alpha Consulting & Fund, Toronto, Ontario** Oct 2014 – Feb 2015

## Additional Accomplishments, Interests and Involvements

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**Programming:** Aptitude in Python, R, VBA, SQL, and LaTeX, Spotifre, MS Office; Excel, PowerPoint, Word

**Interests:** Reading, Volleyball, Basketball, Martial Arts, Tech, Financial Markets, Travel, Hiking

**Other Skills and Hobbies:** Fluent in English, Hebrew, and Russian, Licensed Bartender