

# Jonathan Li

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## Technical Skills

- Python, SQL, R, SAS, HTML, DrRacket, Salesforce, JIRA, Microsoft Suite (Excel, PowerPoint, Access, etc.)

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## Education

**University of Waterloo | Bachelors of Mathematics | September 2016 – August 2020**

- Honours Mathematics Co-op Program, Program Major: Statistics

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## Experience

**Data Science and Analytics Intern | TD Bank | September 2019 – December 2019**

- Reduced manual labour by 60% for multiple teams across TD Wealth by automating data extraction from scanned forms using Optical Character Recognition (OCR) and Image Processing methods
- Extracted customer data from databases by writing complex SQL queries (via Hive) and reported on findings in order to help facilitate management decisions on how to better engage clients
- Supported and maintained an Analytical Dashboard where Financial Planners/Advisors could access client data, customize data visualizations, and generate reports in order to better understand their clients
- Technologies: Python (Tesseract, Pillow, OpenCV, Pandas), SQL (Hive), JIRA

**Developer | Equifax | January 2019 – April 2019**

- Designed and developed predictive models using Logistic Regression in order to better understand the data and provide analytical insight through means of data visualization and statistical analysis
- Implemented the logic for products that allowed clients to assess risk scores and financing eligibility of customer
- Technologies: Python (Scikit-learn, NumPy, Pandas, SciPy)

**Developer / Junior Analyst | Equifax | May 2018 – August 2018**

- Implemented the model for Equifax's newest Risk Score Model that handled the "Industry" line of business
- Unit tested for Equifax's newest Risk Score model that would allow for more adaptability and be less susceptible to errors resulting from changes in data types and sizes
- Technologies: Python (NumPy, Pandas)

**Data Analyst | Newtopia | September 2017 – December 2017**

- Generated, analyzed, cleaned, and reported findings in customer data to help the business better understand its customers and improve customer experience
- Supported and liaised with IT, Security, and Sales/Marketing teams to maintain and deploy new webpages for Newtopia's main website
- Technologies: MS Excel, Salesforce, JIRA

**Capital Markets Risk Management Reporting Analyst | TD Bank | January 2017 – April 2017**

- Daily analysis, investigation, and reporting of profit and loss for several trade books to ensure that profit/loss reported align with profit/loss recorded in databases
- Monitored and investigated threshold breaches for multiple trade portfolios to ensure risk taken by investors align with risk portfolios
- Technologies: MS Excel

**Anti-Money Laundering Analyst | TD Bank | May 2016 – August 2016**

- Participated in variable selection meetings that would clean models and systems of unused data
- Participated in scenario tuning discussions in order to decrease false positive frequency and explore new statistical methods
- Technologies: MS Excel, SAS

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## Hobbies

- Rock climbing, weightlifting, badminton, video games