

Sophie Ngo

DATA SCIENTIST

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[Sophie's LinkedIn](#)

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[Sophie's Personal Website](#)

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Data Science was my curiosity, that turned into a passion leading to a career transition. I have always had a keen interest in trends, unpredictable outcomes, and the probability of things. I have an innate business acumen. I think I have found my voice in Data Science.

EXPERIENCE

Software Developer Full Stack | Plexxis

DECEMBER – FEBRUARY 2019, Toronto, ON

- Created interview applications for potential employees in record time
- Coded easily navigated UI for an enhanced user-experience
- Modernized data visualization for the company

Web Developer | Galvanize

JANUARY 2018 – JUNE 2018, San Francisco, CA

- Built practical applications in a collaborative environment, deployed within two weeks
- Developed new features for web applications. Main tech stack: React, Python Flask, Node.js, Knex, PostgreSQL.

Portfolio Management Associate | RBC Wealth Management

MAY 2017 - AUGUST 2017, Vancouver, BC

- Managed and delegated assets according to the client's risk tolerance. Built close relationships with clients and worked around their financial goals. Made clients 15% profit return within the first two months.

EDUCATION

BrainStation | Diploma Candidate, Data Science

APRIL - JUNE 2020, Vancouver, BC

Learned how to utilize Machine Learning to mitigate risks and reduce business expenses. Completed projects on topics such NLP with the help of Logistic Regression, KNN, and Decision Tree Models.

Royal Melbourne Institute of Technology | Master of Finance

JANUARY 2015 - DECEMBER 2016, Melbourne, VIC, Australia

Got 2nd Place for a derivative trading tournament (Contract for Difference), I profited 97% of my shorts and 86% of my longs. Specialize in derivative investments, bonds and business research design.

SKILLS

- **Databases:** SQL, PostgreSQL
- **Programming:** Python, R, JavaScript (ES6)
- **Statistics:** Hypothesis Testing, A/B tests, Regression
- **Data Visualization:** Tableau, Matplotlib, Plotly, Seaborn, Adobe Illustrator
- **Neural Networks:** Tensorflow, Keras, Pytorch
- **Big Data:** AWS, Hadoop, Spark, Hive
- **Machine Learning:** Supervised and Unsupervised Learning
- **Finance:** Econometrics, Derivatives, Bonds, Forex, International Finance

PROJECTS

Smart Investment | Sole Coder

JUNE 2018

A web application allowing Investors to practice trading stocks using fictitious money with the latest market price using an external API. Able to search for all the companies under the NYSE & NASDAQ using the ticker symbol. View portfolio performance & all history transactions under the account tab. More details available on my Github.

