

# BOWEN ZHANG

## DATA SCIENTIST

### EXPERIENCE

#### Software Implementation Specialist | Reynolds & Reynolds

JUN 2017 - SEP 2018, TORONTO, ON

- Led software implementation projects to digitize automotive dealerships across North America
- Discovered cost saving opportunities and reduced bottlenecks by integrating business intelligence tools and generating dashboards for clients at the management level

#### IT Data Analyst (Internship) | Celestica

MAY 2015 - AUG 2016, TORONTO, ON

- Generated \$300,000 annual cost savings by discovering inefficiencies through exploratory analysis on service desk tickets
- Improved the internal audit score by 40% by performing an end-to-end analysis to evaluate project standards for IT dept.
- Increased efficiency by developing an analysis pipeline to automate various administrative reports and tasks for future interns

### EDUCATION

#### BrainStation | Diploma Candidate, Data Science

JUN 2020 - SEPT 2020, TORONTO, ON

#### MIT | MicroMasters, Data, Economics, & Development Policy

JUN 2018 - JAN 2019, ONLINE / BOSTON, MA

#### York University | Bachelors in Financial & Business Economics

SEP 2011 - APR 2017, TORONTO, ON

- Entrance Scholarship and graduated with honors

### PROJECTS

#### Audio Language Predictor (WIP) | Creator

PRESENT, BRAINSTATION CAPSTONE

Using Deep Learning to classify spoken language with a CNN model using Pytorch.

#### Text Prediction with Ngrams ([Link to App](#)) | Creator

JUL 2020, DATA SCIENCE SPECIALIZATION CAPSTONE

Web app that predicts the next word. Built with R, Shiny, and Quanteda package.

#### Ontario COVID-19 Cases Geo-Tracker ([Link to App](#)) | Creator

JUN 2020, PERSONAL PROJECT

An interactive map tracking Ontario's COVID-19 cases. Built with R, Leaflet, & Shiny.

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### SKILLS

Python, R, SQL, C, Bash, Tableau, Git/Github, AWS/Cloud Computing, HTML/CSS, Excel

### PACKAGES

TensorFlow, Pytorch, Scikit Learn, Pandas, Numpy, Matplotlib, Seaborn, Plotly, Leaflet, RShiny, ggplot2, Tidyverse, Caret

### MACHINE LEARNING

Neural Networks, Ada/Gradient Boost, K-Means, Random Forest, SVM, Linear/Logistic Regression, KNN, NLP, A/B Tests

### CERTIFICATES / COURSES

Coursera:

Data Science Specialization

Harvardx / edX:

Intro to Computer Science CS50x

Udemy:

Modern Python 3 Bootcamp

R Programming A-Z: Data Science

MySQL for Data Analytics and BI

### ABOUT ME

My dream is to digitize the world with data and tread along the cutting edge of technology. I hope to join a forward-thinking team to keep me on my toes and deepen my passion for AI, analytics, and learning cool things.