

# Stacy Zhao

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[stacyzhao.github.io](http://stacyzhao.github.io)

## Technical Experience

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Languages	Python, HTML, CSS, JavaScript, jQuery, SQL
Framework	Django, Bootstrap, Foundation
Data Analysis	Scikit-learn, Pandas, ArcGIS, MapInfo
Visualization	D3, NVD3, Matplotlib, Seaborn
Version Control	Git – Github
Misc.	Photoshop, MS Office

## Education

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**Python - Data Science Certificate**  
The Iron Yard, Durham, NC

Mar. 2016 - Jun. 2016

**Bachelor of Arts in Geographic Analysis, Minor in Marketing**  
Ryerson University, Toronto, ON

Sept. 2009 - Jun. 2013

## Projects

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**Dripping with Data with Daimler Trucks North America**

Jun. 2016

Objective was to show real time information including graphs where managers can view it at a glance.

- Used Django Framework to create a data dripper to help simulate live data and events
- Constructed a high level dashboard using JavaScript, D3 and NVD3 for at-a-glance view
- Created an API to access saved event information in order to show historical data for managers to make comparisons to find problem areas and make improvements.

**Canada-Wide Geographic Entrepreneurship and Consulting with Bureau of Broadcast Measurement (BBM)**

Jan. 2013 - Apr. 2013

Worked with BBM (now Numeris) to create a methodology to evaluate, update and optimize the boundaries of BBM's current radio markets to ensure all markets are reached.

- Explored, organized and cleaned Industry Canada's AM/FM contour and station tower locations to ensure all BBM member station have information attached.
- Communicated any inconsistencies to BBM to ensure quality before moving on to mapping.
- Assisted in the creation of maps using MapInfo in preparation of analysis.

- Analyzed BBM's radio markets through a number of criteria to see whether the market needs to change its boundaries.

## Work Experience

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Receptionist at Chinatown Medical Centre Oct. 2011 - Present  
Toronto, Ontario

- Assisted patients with inquiries in a timely manner and ensure customer satisfaction.
- Performed administrative tasks to ensure an organized and effective workflow.
- Followed up and collected test results for the patients and correlated with the proper files for doctor's review.
- Successfully arrange and schedule appointments for patients and appropriate doctors.
- Established and maintained a safe and confidential environment.

Barista at Starbucks Coffee Company Canada Dec. 2013 - Mar. 2016  
Toronto, Ontario

- Supervised team by providing clear instruction and information when was required.
- Recommended and implemented changes to improve peak traffic and sales for the store.
- Recognized the needs and wants of each customer by providing a friendly and personalized service.
- Able to work with others to efficiently and independently achieve weekly and daily sales targets.
- Strong time management by prioritizing work flow.

GIS Marketing Intern at Geomedia Inc. Jun. 2012 - Nov. 2012  
Toronto, Ontario

- Performed quality control of maps on proprietary software platform and reported findings.
- Identified over 10,000 mall locations and compiled a database to support analysts.
- Contributed to creation of market intelligence reports that allowed store managers to understand their customer base and to help improve sales.
- Analyzed store locations and validated against competitor's database to ensure accuracy in mapping.
- Prepared and produced maps of trade areas of over 1,000 store locations.