Stacy Zhao

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Technical Experience

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

Python - Data Science Certificate　　　　　　　　　　　Mar. 2016 - Jun. 2016
The Iron Yard, Durham, NC

Bachelor of Arts in Geographic Analysis, Minor in Marketing　　　Sept. 2009 - Jun. 2013
Ryerson University, Toronto, ON

Projects

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

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.