

SHAYAN MASOOD

New York, New York

shayanmasood.com zmasood.shayan@gmail.com [szmasood](#) [szmasood](#) [@ShayanSays](#)

OBJECTIVE

- To gain an employment opportunity in Big Data analysis

EDUCATION

University of Waterloo <i>Bachelor of Mathematics - Computer Science</i>	Waterloo, ON, Canada 2011 - 2016
William Lyon Mackenzie Collegiate Institute <i>Ontario Secondary School Diploma - MaCS program</i>	Toronto, ON, Canada 2007 - 2011

SKILLS

- Proficient Languages: Python, Java
- Familiar Languages: C, C++, Scala, SQL
- Tools: Hadoop (Spark, MapReduce, Pig), AWS(EC2, S3, EMR), pandas, scikit-learn, airflow, Google BigQuery, git, L^AT_EX.

WORK HISTORY

Cadre <i>Data Scientist</i>	New York, NY, USA Oct 2016 - Present
<ul style="list-style-type: none">• Manage ingestion, transformation, organization, and visualization of 3rd party and internal data• Identify top real estate markets for investments based on RevPAF predictions using machine learning• Score, cluster, and rank markets based on supply and demand disparity• Developed an internal market research tool to surface location indexed demographics and market fundamentals data	
PlaceIQ <i>Data Science Intern</i>	New York, NY, USA Jan 2015 - May 2015 Sept 2015 - Jan 2016
<ul style="list-style-type: none">• Analyze petabyte scale location data using Spark/MapReduce• Productionize look-alike modeling for PlaceIQ ad-tech audiences• ETL mobile request logs with Azkaban	
Analytics Canvas <i>Big Data Developer</i>	Toronto, ON, Canada May 2014 - Sept 2014
<ul style="list-style-type: none">• Developed a Google BigQuery connector for the Analytics Canvas desktop tool• Wrote algorithms to perform segmented funnel analysis on Google Analytics Premium datasets• Generated Google Analytics Premium simulated data and corresponding visualizations	

PROJECTS

- **StreetSavvy**: An application to generate safe routes in New York City based on crime data and other factors. Won visualization award at Columbia x CornellTech Data Hackathon.
- **fRank**: Gathering and clustering of articles from various RSS feeds for a curated science and technology news feed.
- **PhysAssistant**: A tool that helps physicians prescribe medication to patients by minimizing drug to drug interactions. Built at HealthHack MIT x CornellTech.

HONORS AND AWARDS

- Recipient of University of Waterloo President's Scholarship
- Member of Ron Eydt Village Residence Student Council and Vice President of the Bioinformatics Club for 2011