Peter D.G Woyzbun – Resume

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Education

Queen's University
BA Economics

Work Experience

Statistics Canada - Income Statistics Division   Income Edits Officer
Ottawa, ON   Summer 2011
At Statistics Canada I worked with a team of seven students and two senior economists. We were responsible for income data from the 2011 census. Our goal was to limit the amount of poor quality data that would go on for further analysis. We were also responsible for writing manuals and reference materials intended for future census operations. (Security level: enhanced reliability)

National Association of Friendship Centres   Data Analyst
Ottawa, ON   Summer 2014
The NAFC is a network of 117 community centres across Canada. My work for the NAFC involved compiling and analyzing data related to labour market and educational programs. The data was used for a 250 million dollar budget proposal.

Tesla   Data Engineering/Analysis Internship, Manufacturing Engineering
Fremont, CA   July 2015 - October 2015
At Tesla I worked in manufacturing engineering as a data engineering/analysis intern. I worked primarily on two major projects: (1) a system for monitoring and informing Tableau users of their workbook usage/misuse, and (2) a system for testing/simulating battery capacity improvements resulting from the theoretical implementation of several sorting algorithms I developed. Smaller projects included the writing of Python scripts for ETL purposes, developing Tableau workbooks, and visualizing manufacturing test data.

Vector Media   Data Engineer
Ottawa, ON   May 2016 - January 2017
Vector Media is a media planning and buying agency. They hired me to design and develop infrastructure for retrieving, storing, and analyzing/reporting on advertising data. I developed a web dashboard (Python/Django) for managing client advertising campaigns, and uploading associated vendor (Facebook, Google Adwords, etc) ad metrics to a MySQL database. Further, I connected Tableau to the database and developed several workbooks/dashboards for visualizing/reporting on client campaign metrics. The system reduced reporting lead times from hours to minutes.

Profile

My primary interest is in data engineering, analysis, and visualization. I have a passion for visual communication and design, a rigorous understanding of quantitative/analytical subjects and data architecture principals, and programming skills.

Skills/Coding

Data Engineering, Analysis, Visualization
Python (pandas, numpy, scikit-learn, django, networkx, matplotlib, seaborn), SQL, R (ggplot2, dplyr), Javascript (D3.js, Dagre)

Web Development/Design
Python (django), CSS, HTML, Javascript, Bootstrap

Numerical Computing
Mathematica, MATLAB

Design/Visualization
Adobe Illustrator, Adobe Photoshop, Tableau, LaTeX

Reference

Will Bishop, Senior Data Scientist, Factory Science and Math, Tesla Motors
Please inquire for contact details.