

Loren M. Velasquez

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PROFESSIONAL EXPERIENCE:

Inquidia Consulting | Chicago, Illinois | June 2014 – Present

Data Consultant

- ❖ Helped create an ODS in MySQL using Pentaho Data Integration/Kettle and SQL for Data Warehousing of health data. Created aggregate reports using Pentaho Report Designer and SQL.
- ❖ Used Pentaho Data Integration/Kettle, Pentaho Report Designer, and SQL to create reports for small business credit data using MSSQL as the database.
- ❖ Worked with Pentaho Data Integration/Kettle and SQL to bridge data between MySQL and MSSQL databases. Performed data testing to ensure that data was not compromised during ETL modifications.
- ❖ Created and modified Pentaho CDE dashboards and OLAP cubes to support ad-hoc analysis and visualizations of current data to aid in efficient business decision making.

SpotOn, Inc | Chicago, Illinois | December 2013 - June 2014

Spanish Front End Developer Intern

- ❖ Used Django Translation template, Python, JavaScript, HTML/CSS, and Git to create a Spanish translated SpotOn website and mobile applications for merchants in Mexico as well as for U.S. Spanish-speaking merchants.

VOLUNTEER EXPERIENCE:

Statistics Without Borders (American Statistical Association) | Chicago, Illinois | December 2014 – Present

Pro bono Consultant/Data Visualization Technical Lead

- ❖ Working on their internal databases for volunteer data (December 2015 - Present)
- ❖ Working with Free the Slaves on Methodology/Survey Analysis (December 2015 - Present)
- ❖ Working with Centre for Economic and Social Development (CESD) within the Myanmar Development Resource Institute (MDRI) for Myanmar Government Budget Analysis/Dashboards (October 2015 to present).
- ❖ Worked with HDX and UN OCHA for Nepal Earthquake Response Analysis (April 2015 to November 2015). Published findings on Statistical Journal of the IAOS.
- ❖ Worked with HDX and ACAPS for Nepal 2014 Survey Visualization (August 2015).
- ❖ Worked with NetHope and HDX to visualize Ebola related data in regions of Guinea, Liberia and Sierra Leone (Dec 2014 to April 2015).

NorthBridge Technology Alliance | Chicago, Illinois | July 2015 – Present

Volunteer Software Engineer/Mentor

- ❖ Working with Django, Python and Git for a web-based backlog used for prioritizing volunteer work.

PyLadies Chicago | Chicago, Illinois | Sept 2015 – Present

Co-organizer

- ❖ Actively trying to help women feel safe and confident with Python

EDUCATION:

Loyola University Chicago | Chicago, Illinois | August 2009 - May 2014

Masters of Science in Applied Statistics; Concentration in Biostatistics & Sub-concentration in Spatial Statistics
Bachelors of Science in Bioinformatics and in Molecular Biology; Minors in Biostatistics and in Computer Science

TECHNICAL SKILLS:

Databases: PostgreSQL, MySQL, MS SQL Server, MonetDB, MongoDB

ETL Tools: Pentaho Data Integration/Kettle

BI/Reporting Tools: Tableau, Pentaho Report Designer

Big Data Tools: Spark

Programming Tools: Python/Django, SQL, R, SAS, SPSS, HTML/CSS, Javascript, Git

Miscellaneous: Agile Development, Linux/Ubuntu

Active member of PyLadies Chicago, Women Who Code Accra, ChiPy and Statistics Without Borders. Open Source Advocate. GitHub: <https://github.com/rebeldroid12/>