Tomas Lopez-Betanzos tolobe@gmail.com | [LinkedIn](#) | [Portfolio](#) 312.724.9853 | Pittsburgh

Illuminating pathways to community empowerment with data analysis and development

Technical Skills:

Tools/Methods GitHub, Anaconda, Jupyter Notebook, Visual Studio Code, Agile, Power BI, Scrum, Data modeler, Unit Testing, Selenium, Tableau, AWS

Programming Languages Python, JavaScript, HTML5, CSS3, SQL, TypeScript

Development Frameworks jQuery, AJAX, JSON, BootstrapUI, Flask, React.js, Express, NumPy, Pandas, Matplotlib

Database SQL, PostgreSQL, SQLite, API

Cloud Technology Software Firebase

Recent Data Development Project Voting rights toolkit for Cook County

Professional Experience:

Lendio,
Contract PPP Lending Data Analyst 02/2021-Present
- Developed Python algorithms for data mining, data analysis, and data wrangling
- Creating SQL Queries, Custom Queries, Views, and Stored Procedures for lender storage
- Refined data sets of potential borrowers for reports to loan officers
- Analyze PPP Loan applicant eligibility data to streamline loan origination process
- Curated supplemental borrower data for secondary lending opportunities
- Utilized Python, NumPy, SciPy, Pandas packages to visualize data for statistical reporting

Coding Temple,
Data Engineer 08/2020-02/2021
- Refactored Python code to use fewer lines and reduce time and space complexity
- Developed full-stack web apps using Flask, Python, React, HTML/CSS, and JavaScript
- Custom designed relational databases, user role management, and salted hashing password encryption
- Utilized Python NumPy, SciPy, Pandas packages to perform dataset manipulation
- Develop back-end components with Python to improve overall performance

First Northern Credit Union,
Financial Service Analyst 06/2019-08/2020
- Processed lending data for over 50 new loans and memberships per month
- Generated over $200k revenue per quarter through innovative data analysis
- Diagnosed eligible applicants against historical metrics to recapture loans

Northside Community Federal Credit Union,
HUD Certified Housing Counselor 07/2015-09/2018
- Conducted one-on-one counseling for financial health with over 25 clients per month
- Disseminated data sets to monthly financial literacy workshops for 10-50 first time home buyers
- Analyzed finances for 5-10 households per month to prevent foreclosure proceedings

Groupon,
Account Representative 04/2014 - 07/2015
- Visualized ROI for business owners with relevant 3rd party data
- Modeled campaign structure from global success patterns to local needs
- Curated brand awareness and for over 25 small business markets nationwide

Education: Northern Michigan University: Bachelor of Fine Arts in Electronic Imaging 2003 - 2007