ANDREA BERNAL

Dallas, Tx • (214)-293-0338

[LinkedIn](#) • [GitHub](#) • [Email](#)

EDUCATION

The University of Texas at Austin	Bachelor of Science in Mathematics Minor in Business Administration	December 2021

PROFESSIONAL CERTIFICATES

The University of Texas at Austin	Elements of Computing Certificate	December 2021
IBM	Data Analyst	March 2022

PROJECT EXPERIENCE

Austin Airbnb data analysis — April 2022
- Utilized SQL to format columns, drop duplicates and outliers, change data types, and join neighborhood names
- Worked with Calculated Fields, various graphs, and Filters in Tableau to present data most effectively
- Developed simple, visually appealing visualizations with Tableau to identify key business levers

Stack Overflow survey analysis — March 2022
- Used Python's Pandas library to drop duplicates, impute missing values, remove outliers, and normalize data
- Visualized the distribution, composition, relationships, and comparison of data using Pandas and Seaborn
- Connected to the database and wrote SQL queries for later use in visualizations
- Created a dashboard using IBM Cognos with comprehensive graphs to summarize vital insights

Cryptocurrency analysis — March 2022
- Cleaned, normalized, and formatted data with Python Pandas and NumPy libraries to pipeline data processing
- Identified and implemented analyses to translate data and results into actionable learnings
- Created visualizations with matplotlib and seaborn to summarize key financial insights

EXPERIENCE

Pho Please – *Cashier, Server;* Austin, TX — January 2018 - September 2021
- Addressed customers with menu decision making, best sales options, and hospitality
- Demonstrated thorough knowledge of food and beverage menu
- Trained new employees on position tasks to achieve shift goals
- Swiftly and successfully resolved conflict resulting in customer satisfaction 100% of the time

Hugo Technologies - *Manager*; Dallas, TX — May 2019 - September 2019
- Oversaw the work of 5 employees and reported daily productivity sheets
- Prepared a detailed financial report for upper management to easily see sales, costs, and profit
- Created an excel sheet to effectively calculate payroll for various employees

Forney Independent School District – *Student Technician;* Forney, TX — June 2016 - May 2017
- Communicated with teachers and students to resolve IT problems and reported solutions back to supervisors
- Provided technical support for teachers and students across multiple campuses
- Demonstrated extensive knowledge of electronics' software and hardware

ADDITIONAL INFORMATION

Skills: SQL, MS Word, Excel, PowerPoint, Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook, Scikit-learn, Swift, HTML, CSS, Javascript, IBM Cognos, Tableau, strong interpersonal and communications skills, multi-task oriented, fast learner, adaptable

Languages: Fluent in Spanish

Interests: Art, Hiking, Cooking, Music, Programming, Fitness, Traveling