Dang-Uy Nguyen

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EDUCATION

University of Maryland, Baltimore County (UMBC)   Baltimore, MD
Bachelor of Science in Information Systems   May 2024

RELEVANT EXPERIENCE AND PROJECTS

Multifactorial Analysis of Patient No-Show Rates   September 2024
- Wrote DAX formulas in **Microsoft Power BI** to create new No-Show_Percentage column, Age_Bracket column, and No-Show_Percentage by neighborhood measurement
- Visualized data and integrated them into an interactive dashboard for hospital clients showing how different factors affect the patient no-show rate
- Summarized insights found from the dashboard

Layoff Data Cleaning Project in MySQL   August 2024
- Compose **SQL** code to clean data about company layoffs to optimize for analysis by removing duplicate data, standardizing the data, deleting blank/null values, and deleting any unnecessary rows and columns

Seattle AirBnB Tableau Project   July 2024
- Utilized **Tableau** to create interactive data visualizations using Seattle Airbnb data
- Designed a dashboard by integrating multiple visualizations
- Presented dashboard to client with interest in owning an Airbnb property in Seattle with market insights and recommendations

Comparative Quality of Life Analysis: Baltimore City vs. Baltimore County Children   May 2024
- Cleaned datasets using **Microsoft Excel** and **Python in Jupyter Notebook** to optimize for analysis
- Utilized Python in Jupyter Notebook to visualize the discrepancy in the quality of life of Baltimore City and Baltimore County children
- Presented analysis and insights via Google Slides to communicate results to stakeholders

SKILLS & CERTIFICATES

Programming Languages: SQL, Python (pandas, numpy, seaborn, matplotlib), R
Technology: Microsoft Office (Word, Excel, PowerPoint, Power BI), Google (Sheets, Slides), Jupyter Notebook, Oracle, Tableau, MySQL, Microsoft SQL
Languages: English (Native), Vietnamese (Fluent), Spanish (Fluent)

Google Data Analytics Professional Certificate
- Gained proficiency in Excel, SQL, R, and Tableau, enhancing capabilities in data collection, cleaning, analysis, and visualization.
- Applied the data analysis process to real-world scenarios, showcasing the ability to translate complex data findings into actionable business strategies.

VOLUNTEER

Thread   Baltimore, MD
Family Member   September 2024 - Present
- Mentor for a young Baltimore City student at risk of dropping out of high school
- Support them in achieving their personal and professional goals
- Provide guidance, brainstorm to navigate obstacles, and celebrate successes together