OSCAR VASQUEZ-FLORES
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EDUCATION

University of Maryland Global Campus, Adelphi, Maryland   October 2023
Bachelor Of Science In Computer Science
Specialized in data management and programming with extensive knowledge in MySQL, PostgreSQL, NoSQL, Python, and Java, focusing on database design, data analysis, and software development. Proficient in technical documentation and collaborative software projects, leveraging strong teamwork skills and Agile methodologies to optimize code and achieve project objectives.

Prince George's Community College, Largo, Maryland   December 2021
Associates Of Applied Science In Information Technology
GPA: 3.8/4.0
Developed expertise in tech troubleshooting, helpdesk support, and data management using Microsoft Excel and Access, complemented by strong technical writing skills and certified proficiency in Microsoft Office tools. Demonstrated leadership in team management and contributed to collaborative projects, including development of a web-based calculator, showcasing ability to lead and execute project initiatives

WORK EXPERIENCE

Academic Technology Tutor   January 2022 - Present
Prince George's Community College, Largo, Maryland
- Mentored students in 12 varied technology courses, ensuring comprehension and application of key concepts.
- Cultivated advanced technical knowledge by investing over 15 hours each month in exploring industry journals, completing online courses, and engaging in tech forums.
- Instructed students in high-demand languages, including Java, Python, HTML, and CSS.
- Established as primary IT troubleshooting expert in tutoring center, resolving over 100 unique technical issues monthly, thereby ensuring seamless technology operations and enhancing overall productivity.
- Played a pivotal role in a diverse team of 14, orchestrating efforts to maintain center's operational excellence.
- Led a technology workshop series at tutoring center, boosting student engagement by 40% through monthly sessions on tech trends and coding best practices, fostering a collaborative learning environment.

Barista   January 2020 - Present
Starbucks, Landover Hills, Maryland
- Excelled in a high-pressure environment, delivering superior customer service experiences to over 100 clients daily, achieving a 95% satisfaction rate.
- Cultivated strong interpersonal relationships by engaging in clear and empathetic communication with over 150 patrons and team members weekly, increasing collaboration and customer satisfaction rates.
- Engineered a streamlined process for managing over 500 financial transactions weekly, automating key components to reduce errors to zero and ensuring flawless cash register operations.
- Upheld stringent cleanliness standards by overseeing meticulous maintenance of espresso machines and related equipment, conducting daily inspections and cleaning of 5+ machines to ensure optimal performance and hygiene.
- Exhibited commitment by maintaining a consistent presence, averaging 25 work hours weekly.

SKILLS

- **Advanced Data Management:** Proficient in SQL Server management, including creating and optimizing views, complex joins, and data integrity checks. Experienced with Oracle SQL, PostgreSQL, and MySQL, alongside robust skills in Power BI for creating dynamic dashboards and reports for business analytics.
- **Technical Tools:** Advanced expertise in Microsoft Excel (pivot tables, graphs, charts), Power Query, and Power Automate, complemented by proficiency in Microsoft Access (Microsoft Office Specialist Certification). Familiar with SharePoint site and security management. Well-versed in programming languages including HTML, CSS, JavaScript, Java, and Python, applying these in both academic and practical projects to enhance web development and software solutions.
- **Analytical Abilities:** Demonstrated strong analytical skills through rigorous academic projects and work experiences, enabling effective problem-solving and data-driven decision-making. These capabilities are further supported by technical writing and the ability to communicate complex technical information clearly and effectively.

PROJECT EXPERIENCE

- Nutella: A web-based suite of multi-functional network tools built with Python and Streamlit, responsible for the NS Lookup function, Navbar, and Home page. (https://github.com/TheSirLancelot/Netulla)
- InventorySQL: Devised an inventory database using MySQL, demonstrating skills in database creation and query execution. (https://github.com/oavf15/InventoryMySQL)
- AnneArundelPostgres: Created and analyzed a PostgreSQL database for "Anne Arundel County Crime Rate By Type," displaying data management and analysis skills. (https://github.com/oavf15/InventoryMySQL)
- PowerBI Projects: A collection of dashboards created in PowerBI using .CSV data sets. (https://github.com/oavf15/PowerBI-Projects)

RELEVANT EXPERIENCE AND SKILLS

- **Economic and Data Analysis:** Developed strong analytical skills through academic projects and professional experience, including data management and software development focused on SQL and NoSQL databases. Applied these skills to forecast trends, estimate impacts, and communicate findings in a variety of settings.
- **Programming and Database Management:** Extensive experience with SQL, PostgreSQL, Python, and Java, used for analyzing large data sets, constructing and maintaining databases, and ensuring data quality. Proficient in optimizing queries and automating data processes.
- **Reporting and Communication:** Skilled in writing technical and analytical reports, presenting complex data to diverse audiences. Engaged in regular documentation and reporting during academic and professional projects, ensuring clarity and precision in communication.