DIANA TORRES

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PERSONAL PROFILE

Motivated IT professional and Computer Programming diploma candidate (GPA 4.0) with strong technical expertise in cybersecurity, programming, data engineering, and business analysis. Skilled at translating business requirements into IT solutions, conducting system testing, and supporting secure, reliable technology environments. Experienced in collaborating with stakeholders, designing solutions, and applying Agile and SDLC principles. Passionate about leveraging IT to improve accessibility, safety, and efficiency in public service.

HIGHLIGHTS OF QUALIFICATIONS

- **Cybersecurity & Risk**: Knowledge of NIST Cybersecurity Framework and risk mitigation; experience designing contingency plans and assessing system vulnerabilities.
- **Programming & Data Engineering**: Python, SQL, Java, R; development of pipelines, automation tools, and MySQL database integration.
- **Machine Learning & Analytics**: Data cleaning, modeling, and visualization using Python (pandas, matplotlib) and R; applied insights to support business outcomes.
- **Business Systems & Analysis**: Requirement gathering, workflow documentation, feasibility analysis, and ROI evaluations.
- **Project** Management**: Hands-on experience with Agile and Waterfall; project coordination, governance reporting, and stakeholder communication.
- **Quality Assurance**: Usability testing, code debugging, test execution, and results documentation.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, R, Java, MATLAB
- **Databases**: MySQL, MongoDB, Snowflake (familiarity), MS Access, AWS
- **Frameworks & Tools**: Agile, SDLC, Git, Linux, ArcGIS
- **Visualization & BI**: Tableau, Power BI, Excel dashboards
- **Cybersecurity Awareness**: Risk assessment, data protection practices, contingency planning

EDUCATION
Sault College Applied of Arts and Technology   January 2024 – August 2025
Computer Programming Diploma

- Built a Python Voice Assistant with MongoDB for logging and GUI for workflow automation.
- Developed a JavaFX HR Management Application with MySQL integration and ORM.
- Conducted data analysis of MySQL sales datasets with Python (pandas) to identify top products and regional performance trends.

Google Data Analytics Certificate Coursera   February 2023 – June 2023

- Conducted R-based analysis of 12 months of bike-share data; identified behavioral trends to support marketing campaigns.

Bachelor of Engineering – Biotechnology   September 2013 – January 2018

- Applied Lean Six Sigma principles to optimize processes, achieving a 91.48% efficiency increase.

Translator   January 2022- September 2023
Self-Employed

- Managed 25 international legal documents, ensuring accurate English-Spanish translations for cross-border compliance.
- Coordinated timelines and client expectations, improving turnaround times by 30% through optimized workflows
- Collaborated with NGOs and legal teams to align translations with project goals, ensuring cultural and contextual relevance

Biotechnology Project Lead   September 2021 – December 2021
ArcelorMittal

- Led an oxygen purity optimization project, increasing production efficiency by 3% using MATLAB and Excel.
- Coordinated field visits to assess equipment and worker compliance, delivering actionable insights via visual reports
- Authored manuals for ISO 9001 certification, ensuring alignment with international quality standards.

Au-Pair. Educational Coordinator   August 2018 – August 2021
Cultural Care

- Organized daily schedules and safety protocols, achieving 100% parental satisfaction through transparent communication
- Delivered tailored Spanish lessons, enabling a child to achieve bilingual proficiency and admission to various top-tier bilingual schools.

Assistant Store Manager   May 2016 – May 2017
Medigroup del Pacífico

- Reduced procurement errors by 80% and eliminated stock discrepancies (100%) through data-driven inventory systems.
- Led a team of 8 staff, overseeing daily operations, financial reporting, and audits to ensure compliance with organizational standards
- Designed MS Access databases and spreadsheets to trach supplier performance and budget allocations, streamlining procurement.