Yordin Herrera Borge

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PROFESSIONAL SUMMARY

Data Science Engineering student with hands-on experience building end-to-end data pipelines, developing analytical applications, and delivering data-driven solutions using Python, SQL, and Streamlit. Skilled in data cleaning, validation, visualization, and basic machine learning inference. Proven ability to translate data into actionable insights and deploy user-friendly tools for business teams.

PROFESSIONAL SUMMARY

IT SUPPORT TECHNICIAN

Librería Cristal · Full Time | Full Time

- Provide Tier 1 and Tier 2 technical support for computer systems, printers, and peripheral devices.
- Perform preventive and corrective maintenance on desktop hardware, laptops, and printing equipment, reducing downtime and improving device lifespan.
- Manage, monitor, and control storage drives and data devices across multiple workstations.
- Install, configure, and maintain network infrastructure including Ethernet cabling, routers, switches, and network printers.
- Configure and maintain security systems including IP cameras, DVR, and NVR devices.
- Support server configuration and network devices using IP addressing and network segmentation.
- Deliver technical troubleshooting and customer support to national and international clients.
- Assist in system setup, software installation, and user access configuration.
- Document technical procedures and maintenance activities for internal tracking and compliance.

TECHNICAL SKILLS

PROGRAMMING & DATA ANALYSIS

- Python (Pandas, NumPy)
- SQL (optimized queries, joins, aggregations)

DATA SCIENCE & ML

- Exploratory Data Analysis (EDA)
- Data Cleaning & Feature Preparation
- Feature Engineering
- Statistical Analysis
- Data Modeling (foundational)
- Basic Machine Learning (model exposure, inference usage)
- Data Validation & Quality Control

DATA ENGINEERING

- ETL pipelines Development
- Data Validation
- Structured data processing

VISUALIZATION & REPORTING

- Power BI (KPI dashboards, business reporting)
- Streamlit (interactive analytical applications)

TOOLS & PRACTICES

- Git
- GitHub
- Docker (basic)
- API Integration
- Technical documentation
- QA / QC processes

PROJECT EXPERIENCE

SALES ANALYTICS & KPI DASHBOARD - WALMART DATASET

Technologies: Python, Pandas, Streamlit, CSV, ETL, Data Validation

- Developed an end-to-end ETL pipeline to clean, transform, and aggregate transactional sales data from CSV, reducing data preparation time by 40%.
- Performed exploratory data analysis to identify sales trends and category performance drivers, enabling data-backed inventory planning.
- Built an interactive Streamlit dashboard with dynamic date and category filters, allowing business teams to monitor KPIs in real time.
- Implemented data validation rules that improved dataset accuracy by 25% for daily reporting.

BACKGROUND REMOVAL WEB APPLICATION (COMPUTER VISION)

Technologies: Python, Streamlit, rembg, Pillow, ML Inference

- Created a lightweight computer vision application for automated background removal using a pre-trained ML model.
- Designed an intuitive UI with side-by-side image preview and download functionality.
- Implemented error handling and dependency validation for reproducible local and cloud deployment.

STREAMLIT CHATBOT WITH OPENAI API

Technologies: Python, Streamlit, API Integration

- Built an interactive chatbot with persistent conversation state and streaming response capability.
- Integrated secure API key management and error handling for reliable deployment.
- Demonstrated ability to rapidly prototype ML-powered applications for business use cases.

DATA RACE | CONSOLE GAME & CONFIGURATION PARSER (PYTHON)

Technologies: Python, File I/O, Unit Testing

- Developed a turn-based racing game with a robust file parser that validated input, handled errors, and logged gameplay data.
- Encapsulated game logic into modular functions, enabling easy testing and reuse.
- Generated structured logs (list of dictionaries) for post-game analysis and export.

EDUCATION

Bachelor's Degree in Data Science Engineering
LEAD University | Expected Graduation: 2027

Technical Degree in Software Development
CTP Francisco J. Orlich Professional | 2017–2022

CERTIFICATIONS

- **DataCamp:** Python Data Analyst, SQL for Data Analysis
- **Cisco:** Introduction to Python
- **INA:** Software Quality Controller, Intermediate English, Spreadsheet Creation

LANGUAGES

Spanish: Native

English: Professional Working Proficiency (B2)