ANDRE RAVEN

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PROFESSIONAL SUMMARY

Data-driven professional with a background in engineering physics and over 2 years of hands-on experience in data science and data analysis. Skilled in developing predictive models, data visualization, and applying statistical techniques to generate insights and support decision-making. Proficient in Python, SQL, and data processing tools. Bilingual in Spanish and English.

EXPERIENCE

2022 – 2023

ENGINEERING RESEARCH INTERN, INSTITUTO POTOSINO DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA A.C.

- Applied statistical techniques to interpret experimental data.
- Conducted spectroscopy analysis and implemented data-driven quality control.
- Developed and optimized laboratory protocols focusing on precise data collection and analysis.

2018 – 2022

PROJECT DEVELOPER (DATA & RESEARCH PROJECTS), UNIVERSIDAD AUTÓNOMA DE SAN LUIS

Led data-driven projects including interpolation and scientific data modeling.
- Performed statistical analysis to optimize synthesis of antibacterial nanomaterials.
- Designed PCBs and analyzed electronic systems efficiency using data.

2023 – 2024

CUSTOMER EXPERIENCE SPECIALIST, TRICOLOR ACCEPTANCE, LLC

- Managed customer incidents and provided real-time solutions regarding credits and contracts.

2024 – PRESENT

DATA MANAGER FOR IA, TELUS DIGITAL

- Applied data classification techniques to detect and mitigate harmful content.
- Improved data moderation workflows by analyzing user-generated content patterns.

2024 – PRESENT

DATA SCIENCE PROJECTS, GITHUB

- Built predictive models, analysis tools, web scraping scripts, and machine learning workflows.
- Technologies: Python, MySQL, Pandas, Selenium, statistical libraries, and visualization tools.

EDUCATION

2018 – 2022

BACHELOR OF ENGINEERING PHYSICS, UNIVERSIDAD AUTÓNOMA DE SAN LUIS POTOSÍ

MARCH 2023 – MAY 2023

DIPLOMA IN MANAGERIAL FINANCE, UNIVERSIDAD AUTÓNOMA DE SAN LUIS POTOSÍ

DECEMBER 2023 – MAY 2024

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE, COURSERA

Data Cleaning | SQL | Data Visualization | Problem Solving | Decision Making

OCTOBER 2024 – PRESENT

HACKABOSS BOOTCAMP DATA SCIENCE & IA, HACKABOSS

Data Cleaning | SQL | PYTHON| Data Base | Machine Learning

SKILLS

- **Data Analysis Tools**: Python, SQL (MySql), Microsoft Excel, Data Cleaning, Data Visualization, Git/Github, ETL, Machine Learning

- **LANGUAGES:**
  Spanish (native), English(b2)

- **Programming Languages**: C#, Python, LabVIEW

- **Soft Skills**: Critical Thinking, Problem Solving, Team Collaboration, Communication