ALEJANDRO SANHUEZA
INDUSTRIAL ENGINEER | AI ENGINEER | DATA ENGINEER | DATA SCIENTIST
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Industrial Engineer, AI & Data Engineer and Data Scientist with a Diploma in Trading and Investment Management, possessing solid knowledge and a holistic approach across the entire data pipeline, from ingestion and processing of Big Data to analysis and visualization using BI tools and cloud platforms. Experienced in creating machine learning models and artificial intelligence for data-driven decision making to solve complex problems in any industry. Excellent communication, teamwork, use of Agile methodologies (Scrum/Kanban) and problem-solving skills, committed to continuous learning and focused on providing innovative solutions.

Education:
Ingeniería Civil Industrial | Universidad Diego Portales (UDP). Santiago, Chile.
(Academic Degrees: Bachelor of Sciences in Engineering, specializing in Industrial Engineering,
Professional Degree: Industrial Engineer)

Trading and Investment Management, Diploma | Pontificia Universidad Católica de Chile (PUC).
(Investment Management, Trading and Capital Markets, Fixed Income Investments, Behavioral Economics)

Certificates & Diplomas:
IBM Data Engineer - IBM Data Science - IBM Data Analyst - IBM AI Engineer - IBM Generative AI for Data Engineers / Data Scientists - IBM watsonx.ai - IBM watsonx.data - IBM NoSQL, Big Data and Spark Foundations - IBM BI Foundations with SQL, ETL and Data Warehousing - AWS Certified Cloud Practitioner - AWS Practical Data Science with Amazon SageMaker - Agile with Atlassian Jira

Professional experience:
Nexus S.A. Credit Card Operator | Data Analyst, Internship II
Part of the Planning and Management Control team.
• Developed a plan to automate the management and flow of information between the operations management and sub-managements through budget management and the implementation of Business Intelligence (BI) tools to generate reports and analytics.
• Developed control panels and dashboards.

Ministry of Foreign Relations of Chile | Data Analyst, Internship I
Part of the Finance team, developed and implemented a plan for fixed asset valuation to obtain accurate information on the country's assets abroad.
• Advanced Excel skills and database manipulation, development and execution of tools for Exploratory Data Analysis (EDA), Data Wrangling, and ETL to optimize the valuation process.

Skills & Technical knowledge:
Human languages: English (B2), Spanish (Native)
Programming Languages: Python, R, Java
SQL DBs: PostgreSQL, MySQL, MSSQL, SQLite, IBM DB2
NoSQL DBs: MongoDB, Cassandra Vector DBs: ChromaDb.
Big Data & ETL: Hadoop, Spark/Pyspark/SparkSQL, Presto, Hive, Airflow, Kafka.
Cloud Platforms: AWS, GCP, IBM Cloud
ML Platforms: AWS SageMaker, IBM Watsonx.
Machine Learning & Data Science: Pandas, NumPy, Jupyter, scikit-learn, Keras, PyTorch, TensorFlow, OpenCV, SparkML
Business Intelligence (BI): Power BI, Tableau, Looker, IBM Cognos Analytics.
Data Visualization: Matplotlib, Seaborn, Plotly, Dash, Streamlit
Other Tools: Docker, Docker-Compose, FastAPI, Flask, Git, GitHub, Linux, Jira, Bash, Html, CSS.

Availability:
Immediate. Remote worldwide or Hybrid from Santiago, Chile.
| Chile Standard Time (CLT) zone (GMT-4)