

ALEJANDRA CUADROS RIVAS

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Industrial Engineer and Computer Engineering Master's candidate, with 4+ years of experience in data analysis, operations planning and project management. Certified Associate in Project Management (CAPM) skilled in data-driven logistics and in merging analytical and technical expertise to achieve significant improvements across diverse operational environments.

Education

Budapest University of Technology and Economics MSc in Computer Science Engineering, <i>GPA: 4.48/5.0</i> <i>Data Science, Artificial Intelligence & Quantum Computing</i>	Budapest, Hungary Expected July 2025
Catholic University of Santa María Professional Title in Industrial Engineering BSc in Industrial Engineering	Arequipa, Peru 2022 2019
Additional Certifications <ul style="list-style-type: none">Code First Girls - Software/Data Engineering CFG Degree, <i>Merit</i>Peruvian University of Applied Sciences - Data Science for BusinessLa Salle University - Operations and Logistics ManagementNational University of San Agustín - Logistics and Warehouse Management	2025 2021 2021 2020

Work Experience

RWS Group - AI Data Specialist Freelance (Budapest, Hungary) <ul style="list-style-type: none">Focused on data annotation, labeling, and language identification, particularly in Quechua language projects.Tagged and categorized diverse datasets, ensuring high-quality training data for machine learning models.	Nov 2024 – Present
Transaltisa - Operations Planner for Quellaveco Project (Moquegua, Peru) <ul style="list-style-type: none">Planned operations and scaled transportation for 74 vehicle sets, ensuring quality standards and monitoring 120 daily trips.Increased transported volume efficiency by 25% through process optimization.Automated operational reporting dashboards, enhancing real-time monitoring by 20%.Led data-driven strategic planning with 13 local transportation companies.	May 2022 – Aug 2023
Sol del Pacífico - Operations Analyst for Las Bambas Project (Cusco, Peru) <ul style="list-style-type: none">Implemented data visualization, performance tracking and reporting tools to optimize logistics for a fleet of 225 vehicles, improving productivity by 15% while achieving daily goals and managing 210 daily trips.Optimized ore concentrate transport for MMG Las Bambas, boosting productivity by 15% through new dashboards and KPIs.Coordinated logistics with 16 local companies, ensuring seamless execution as mandated by the mining company.	Jul 2021 – Apr 2022
Transaltisa - Operations Assistant (Arequipa/Cusco, Peru) <ul style="list-style-type: none">Managed logistics for sulfuric acid, copper cathodes, and copper concentrate, ensuring 100% adherence to schedules for 20 trucks (Cerro Verde Project) and 225 trucks (Las Bambas Project).Developed operational KPI, and implemented automation solutions to reduce incidents by 75%, improving maintenance and safety through data analysis.	Sep 2020 – Jun 2021
Southern Peru Copper Corporation - Planner and Technical Services Intern (Moquegua, Peru) <ul style="list-style-type: none">Collected field data and led Operational Excellence projects, improving production efficiency.Implemented Numerical Management practices, improving operational efficiency and accuracy in production and maintenance.Provided data-driven support for production plans and reports.	Jan 2019 – Dec 2019

Projects And Skills

- Projects and Research (Portfolio)**
 - Brain2Speech – Developing neural network models for speech synthesis from brain signals.
 - Covid-19 Impact over Peruvian Industries – Analyzed economic effects using machine learning.
 - Automated KYC/AML regulatory reporting program – Developed a web-based SQL-integrated platform.
 - Quantum AI Framework – Researching hybrid quantum-classical AI for data mining applications.
- Project Management:** Excel, MS Office, Microsoft Project, Visio, SAP ERP, Oracle ERP, Git and Jira.
- Data Analytics:** SQL, R, Power BI, Tableau, RapidMiner, Minitab, Fluxicon Disco.
- Programming Languages:** Python, Java, Q# and Qiskit(Quantum Computing).
- Languages:** Spanish (Native), English (Advanced), French (Intermediate), Hungarian (Basic), Quechua (Basic).

Additional Experience

Deer Valley Resort - Ski Technician / Lift Operator (Utah, USA) Provided technical support for ski equipment, managed chairlift operations, and ensured efficient inventory control and equipment repairs.	Dec 2017 – Mar 2018
Alpaca International - Junior Sales Assistant (Utah, USA) Executed sales strategies and managed sales transactions, achieving a 10% sales increase on sales performance.	Dec 2017 – Jan 2018
Windham Mountain Resort - Rental Technician / Cashier (New York, USA) Provided technical support for ski equipment and handled customer transactions, ensuring accuracy in sales reports and financial records.	Dec 2016 – Mar 2017