

# ALEJANDRA PAOLA 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), cross-functional team leader, skilled in data-driven logistics, production strategies and in merging analytical and technical expertise to achieve significant improvements across diverse operational environments.

## Education

<b>Budapest University of Technology and Economics</b> MSc in Computer Science Engineering, <i>GPA: 4.48/5.0</i> <i>Data Science, Artificial Intelligence &amp; Quantum Computing</i>	<b>Budapest, Hungary</b> Expected July 2025
<b>Catholic University of Santa María</b> Professional Title in Industrial Engineering BSc in Industrial Engineering	<b>Arequipa, Peru</b> 2022 2014 - 2019
<b>Additional Certifications</b>	
▪ <b>Code First Girls</b> - Software/Data Engineering CFG Degree, <i>Merit</i>	2025
▪ <b>Peruvian University of Applied Sciences</b> - Data Science for Business	2021
▪ <b>La Salle University</b> - Operations and Logistics Management	2021
▪ <b>National University of San Agustín</b> - Logistics and Warehouse Management	2020

## Work Experience

<b>RWS Group - AI Data Specialist Freelance (Budapest, Hungary)</b>	<b>Nov 2024 – Present</b>
▪ 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.	
<b>Transaltisa - Operations Planner for Quellaveco Project (Moquegua, Peru)</b>	<b>May 2022 – Aug 2023</b>
▪ 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.	
<b>Sol del Pacífico - Operations Analyst for Las Bambas Project (Cusco, Peru)</b>	<b>Jul 2021 – Apr 2022</b>
▪ 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.	
<b>Transaltisa - Operations Assistant (Arequipa/Cusco, Peru)</b>	<b>Sep 2020 – Jun 2021</b>
▪ 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.	
<b>Southern Peru Copper Corporation - Planner and Technical Services Intern (Moquegua, Peru)</b>	<b>Jan 2019 – Dec 2019</b>
▪ 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.	

## Projects And Skills

- **Projects and Research:**
  - Brain2Speech – Developing neural network models for speech synthesis from brain signals.
  - Quantum AI Framework – Researching hybrid quantum-classical AI for data mining applications.
  - Automated KYC/AML regulatory reporting program – Developed a web-based SQL-integrated platform.
  - Space Kamayuq (Hackathon Project) – AI-driven satellite collision risk assessment using CDM data.
- **Project Management:** Advanced Excel, MS Office, Microsoft Project, Visio, SAP ERP, Oracle ERP, Git and Jira.
- **Data Analytics:** SQL, R, Power BI, Tableau, RapidMiner, Minitab, Fluxicon.
- **Programming Languages:** Python, Java, Q# and Qiskit(Quantum Computing).
- **Languages:** Spanish (Native), English (Advanced), French (Intermediate), Hungarian (Basic), Quechua (Basic).

## Additional Experience

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