FELIPE MEDIAVILLA LEVINSON

Data Analyst & Engineer specializing in automation, machine learning, and full-stack development. Experienced in building scalable tools to enhance forecasting, streamline operations, and reduce manual work.

📍 **Santiago, Chile**   @ **frmediavilla@uc.cl**   📞 **+56 976309980**   🔗 https://felipemedlev.me   ⊙ **github.com/felipemedlev**

EXPERIENCE

Senior Data Analyst — Automation Engineer
Falabella S.A.

📅 Aug 2022 – Present   📍 Santiago, Chile

- Reduced **150+ analyst-hours weekly** by automating manual tasks using Python and SQL.
- Built **ML models for financial forecasting** and cost pass-through analysis.
- Created full-stack **Rebate App** (Next.js + Django), cutting approval time by 40%.
- Developed **anomaly detection** scripts for early flagging of cost center deviations, reducing financial reporting errors.
- Automated SAP client creation by converting SharePoint data into XML inputs readable by SAP.
- Built **KPI dashboards** in Tableau and Looker Studio, consumed by 50+ stakeholders.
- Parsed and structured XBRL financial data to enhance regulatory reporting automation.
- Deployed internal tools on **GCP**, ensuring fast, secure access across distributed teams.
- Built a **PDF-to-Excel validator** to check financial reports before CMF submission, reducing regulatory risk from upload errors.
- Consolidated sales data from **25+ transactional tables** into a unified source of truth used organization-wide.

Financial Planning Analyst
Softys S.A.

📅 Aug 2021 – Aug 2022   📍 Santiago, Chile

- Supported annual budget consolidation and strategic alignment.
- Led monthly closings and variance analysis for executive reporting.

Industrial Consultant
TICGAS

📅 Jul 2021   📍 Santiago, Chile

- Built an in-house product costing system and developed a linear optimization model, boosting revenue by 20% without increasing operational inputs.

Underwater Robotics Interface Developer (Intern)
CoMPAS Lab

📅 Apr 2021 – Sep 2021   📍 Santiago, Chile

- Designed navigation algorithms and GUI for autonomous robots.

Project Management Intern
SQM

📅 Dec 2019 – Mar 2020   📍 Antofagasta, Chile

- Created standardized project management protocols to track and reduce cost overruns.
- Proposed evaporation control system, later implemented in operations.

EDUCATION

Civil Industrial Engineer (with Distinction)
PUC Chile

📅 2015 – 2021   📍 Santiago, Chile

- Diploma in Mechanical Engineering; thesis in CFD fire simulations (Python).
- TA for Control of Mechanical Systems (2 semesters).
- Led design teams for **VSolar** (EV challenge) and **RobotX** (autonomous boats).

SIDE PROJECTS

Sille — *Full-Stack Developer (Solo Startup)*

📅 2024

- Built e-commerce platform (React/Expo + Django) for niche perfumery.
- Integrated **ML recommender system** for personalized product suggestions.
- Architected API, data models, and frontend onboarding flow.
- 🌐 http://sille.cl

Ariesanalytics.ai — *Frontend Developer*

📅 2024

- Created company site using **Next.js** with responsive UX.
- ⊙ GitHub: ariesdata

TECHNICAL SKILLS

Python · SQL · Git · Bash · Excel · PowerApps · Django · React · Next.js · Pandas · Scikit-learn · NumPy · GCP · PostgreSQL · Tableau · Looker

LANGUAGES

Spanish (Native) ●●●●●
English (C1) ●●●●○
Hebrew (Basic) ●●○○○
Portuguese (Basic) ●○○○○