

IGNACIO PÉREZ

| Pfeilgasse 3a, Vienna | +43 6506078528 | ignacioperez1901@gmail.com |
| <https://ignacioperezrjs.github.io/> | www.linkedin.com/in/ignacioperezrjs |



ELECTRICAL ENGINEER

SUMMARY

Proactive and results-driven Electrical Engineer with international academic and professional experience in Chile and Australia. Specialized in automation, renewable energy, and IoT solutions for the energy sector. Skilled in project coordination, hardware integration, and database systems. Strong team player with excellent communication skills, advanced English actively improving German.

PROFESSIONAL EXPERIENCE

Automation & Control Systems Intern, WOLKE SpA

Nov 2024 – May 2025

- Implemented telemetry for a remote power transmission system, enabling real-time monitoring of an induction heating machine for metal spears in flame cutting.
- Assisted in hardware selection (PLCs, sensors, network devices), ensuring compliance with electrical safety standards.
- Managed and optimised the company database structure, utilizing Microsoft Teams, SharePoint, Excel, Word, and permissions management to enhance collaboration and data security.

Intern - Project Management Office, CISC SpA

Aug 2024 - Nov 2024

- Contributed to a large-scale green hydrogen project, focusing on renewable energy solutions including wind power generation and energy storage (electrolyser, battery systems, hydrogen storage). Managed to catalogue +10.000 keywords in +2000 technical files to optimise the company database.

EDUCATION

Bachelor's and Engineer's Degree

Feb 2019 - Dec 2024

Pontifical Catholic University of Chile

- Major in Electrical Engineering - Minor in Industrial Engineering
- Honours degree in Renewable Energy (Power Systems, Finance, Electrical Markets, Project Evaluation)

Bilateral Exchange Semester Program

July 2023 - Feb 2024

Monash University (Australia)

- Organisational Behaviour, Fluid Dynamics and Operations Management

TECHNICAL SKILLS

Power BI / Microsoft 365
Advanced Excel (macros)
Power Point, Word

Matlab (basics)
Python (advanced)
C (microcontrollers)

PowerWorld (Power Systems)
R (Data Analysis)
Type B driver's License

EXTRACURRICULAR ACTIVITIES, HOBBIES AND LANGUAGES

- **Volunteer Work:** Worked with TDI in Chile's La Araucanía region, where I collaborated to build greenhouses, empowering them to grow food sustainably.
- **University Rugby Team:** Represented the university as a varsity rugby player.
- **Activities:** Reading, cultural exchange, active learning, and personal development.
- **Languages:** English - TOEFLiBT (96), Spanish - native and German - Deutsch A1.