IGOR LENO DE SOUZA FERNANDES

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SUMMARY

Chemical Engineering student (UNESP) nearing completion, with a strong analytical profile and keen interest in Quality, Environmental Management (QHSE), and Technical Control. I have academic experience in research, process modeling, and data analysis, with proficiency in management tools (Advanced Excel, MS Office) and analysis tools (Python, SQL) for database administration, indicator monitoring, and technical report preparation. Seeking an initial internship opportunity to apply my knowledge and actively contribute to Quality Control projects, records monitoring, and improvement plans.

EDUCATION

- **B.S. in Chemical Engineering** - São Paulo State University "Júlio de Mesquita Filho" (UNESP) (Expected graduation: 12/2026.
- **High School Diploma** - Colégio Metodista Bertioga (2011-2013)

SKILLS AND TOOLS

- **Management and Documentation:** Preparation of technical reports, deadline control and project records management, technical communication.
- **MS Office & Data Analysis Tools:** Microsoft Excel (Advanced), PowerPoint, Word, and Outlook; Power BI.
- **Technical Analysis & Database:** SQL, Python (Pandas, NumPy).
- **Engineering & Modeling Software:** Aspen Plus, MOPAC, CREST, Avogadro.
- **Development & Automation:** VBA (for Excel automation), R, Git.

CERTIFICATIONS

- **Deep Learning Specialization** (Coursera, 2024).
- **Power BI Impressionador 1.0** (Hashtag Treinamentos, 2023).
- **SQL Impressionador** (Hashtag Treinamentos, 2023).
- **Google Data Analytics** (Coursera, 2023).

RESEARCH PROJECTS

- **Automated Thermodynamic Data Pipeline for Machine Learning (2023-2025):** Developed a Python pipeline to automate data generation and control, resulting in model training and analytical report preparation.
- **Liquid-Vapor Equilibrium Modeling for Biodiesel Production (2022-2023):** Analysis of industrial process efficiency (environmental focus) through molecular modeling and physicochemical simulation for performance optimization.

LANGUAGES

- **Advanced English:** Reading, Writing, and Speaking