

Clément Chevauchey

Santiago del Estero, AR · Willing to relocate (FR/EU/AR) - Open to remote
chevauchey.clement@ieee.org · github.com/YofIClemy/academic-portfolio

Electrical engineering student (UNSE, FCEyT — GPA 8.08) focused on power systems, transmission, and automation · IEEE Student Member (IAS, PES) · Teaching assistant with 3 years of lab and classroom support

Education

Electrical Engineering	UNSE-FCEyT	Expected Dec 2027
Relevant coursework: Power systems, electrical machines, control, signals, measurements, electromagnetism, thermodynamics		
Earlier studies: Food Engineering	UNSE-FAyA	Completed 3 years
Key focus: Process, Design, Quality Control		

Experience

Teaching Assistant (Computing)	UNSE-FAyA	2022–Present
<ul style="list-style-type: none">• Taught Excel (advanced), Access/SQL, algorithms and pseudocode (PSeInt) and Scilab to 150+ students/year across Agricultural Engineering, Biotechnology and Chemistry Teacher• Automated rubrics and data checks reducing grading time 30% and improved pass rates 15% by integrating algorithm theory with practical programming		
International Sales	Domaine AF-GROS & SAS François Parent	Apr 2018–Dec 2020
<ul style="list-style-type: none">• Owned B2B sales to trade clients in France and assisted international sales across 7 markets covering prospecting, buyer tastings, account management, pricing and export documentation• Managed key accounts with CRM follow-ups and allocation holds increasing reorder frequency• Forecast demand and reserved allocations for the trade channel reducing stockouts		
Private English Tutor	Freelance	2016–Present
<ul style="list-style-type: none">• 1:1 instruction A1–C1: exam prep and pronunciation coaching using shadowing and recorded feedback• Designed appropriate curricula for early learners (4–7) improving engagement and vocabulary growth		

Projects

BJT amplifier pair: gains 20 and 15	Analog design	2024–2025
<ul style="list-style-type: none">• Designed and biased two BJT stages from ± 12 V rails and verified gain within $\pm 5\%$		
Rankine cycle calculator	Thermal systems	2024–2025
<ul style="list-style-type: none">• Quantified effects of boiler pressure/superheat on net work and η_{th}. Produced plots with a 2-page brief		
Measurement labs	Electrical measurements	2024–2025
<ul style="list-style-type: none">• Standardized error-propagation worksheets and dimensional checks		
Earlier projects (Food Engineering)	Process & QC	2019–2021
<ul style="list-style-type: none">• Helped develop gluten-free bread prototypes with chañar, mistol and algarrobo flours; ran small DOE on hydration and bake profile; analyzed results• Coordinated pilot with Banco Alimentario de SDE for fortified soy-based juices; created SOPs and yield tracking; supported distribution to 100+ community kitchens		

Skills

Electrical: Power systems, electrical machines, measurement methods, control basics
Software: MATLAB, Scilab, Python, Proteus, SQL/Access, AutoCAD, Excel
Tools: Git
Languages: French (native), English (C1, Cambridge), Spanish (C1)