

Pedro Azevedo

Software Developer - Mechatronics Engineer

+55 (22) 99702-3461
pcarriello@gmail.com

in pecazeco
pecazeço



Education

- 2020–2025 **Mechatronics Engineering**, *University of São Paulo, São Carlos - SP*
- Adaptivity, Multidisciplinary, Modeling, Computation, Problem Solving, Python
- 2023–2025 **Special Studies on Computing**, *ICMC/USP, São Carlos - SP*
- One of the 10 selected from the Campus
 - **Data Structures**, AI, Data Processing, Image Processing, **Machine Learning**, **Python** (NumPy, scikit-learn, PyTorch, etc.), **JavaScript**, HTML, Git/GitHub, Object-Oriented Programming

Experience

Professional

- 09/24–07/25 **Data Science Consultant Intern**, *Grupo Visagio*
- Application of data science concepts in the business rules of a large bank that was undergoing digitalization.
 - Organization of attraction events focused on university students
 - **Python**, **SQL**, PowerBI, Microsoft Office, Google Workspace, GenAI, Lifelong Learning, project-driven company
- Academic
- 12/21–01/23 **Mechanics Engineering Director - Voluntary**, *EESC-USP Tupã*
- Coordination and leadership of a core of 10 people in a team focused on the design, manufacture, and validation of a Formula SAE Electric car.
 - Active work in winning the team's **first national championship** in 2021
 - Problem Solving, People Management, Project Management, Communication, Leadership, Documentation

Projects

- 07/25–12/25 **Adultlization Identifier - Browser Extension**, *Undergraduate Thesis - USP*, Grade of 10,0/10,0
- A Chrome extension to identify and blur Instagram posts with sexualized children content.
 - Full-Stack Web Development + Generative AI APIs
 - JavaScript (**Manifest V3**, Node.js), Python
- 05/25–06/25 **Automated legal process classification system**, *Grupo Visagio*
- Support and improvement of the on-going system, adding new features and keeping a > 90% accuracy
 - GenAI, Python (**LangChain**, OpenAI API, Gemini API, etc.)
- 09/24–04/25 **Organization of important data warehouses of a real bank**, *Grupo Visagio*
- Development of interconnected data marts of credit and debit cards using SQL
 - Visualization of important indicators through **dashboards**
 - **BigQuery SQL**, PowerBI
- 09/23–09/24 **Finite Elements optimization with Neural Networks - Scientific Initiation**, *USP/CNPq*
- Scientific Initiation Research
 - Python, **Artificial Neural Networks**, Artificial Intelligence, Scientific Research, MatLab, Optimization

Courses and Certificates

- 2017 **English B1**, *Cambridge* Score of 145 out of 150
- 12/2025 **Forward Learning Program**, *McKinsey*, 18-hour course
- Adaptability, Problem Solving, Communicating for Impact
- 2025– **The Complete Full-Stack Web Development Bootcamp**, *Udemy*, 62-hour course
- On-going
- JavaScript (**Node.js**, **React.js**, **jQuery**, etc.), CSS, HTML, SQL, UX