Vitor Dos Santos Silva

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Looking for a 6 month internship in Data Science or related fields from July 2024

Education

- **Master's degree in engineering** — **Lille, France**
  École Centrale de Lille — *2022 – 2024*
- **Bachelor's degree in electrical engineering** — **São Paulo, Brazil**
  University of São Paulo — *2020 – 2025*
- **Technical degree in industrial automation** — **Suzano, Brazil**
  Federal Institute of São Paulo — *2017 – 2020*

Professional experience

- **Helean** — **Paris, France**
  One month engineering internship / Summer internship — *January 2023 – February 2023 / July 2023 – August 2023*
  Acquired skills : Analysis and forecasting tools for time series in a startup context. Forecasting with statistical methods (such as ARIMA) and Deep Learning methods (such as TFT and NHITS). Amazon Web Services (S3 and EC2).

- **Brainly** — **New York, USA (Remote)**
  Freelancer - Physics tutor — *May 2022 – January 2023*
  Acquired skills : Deeper understanding of physics and improved communication skills, such as didactic.

- **Petrobras / University of São Paulo** — **São Paulo, Brazil**
  Data science R&D intern — *December 2020 – December 2022*
  Acquired skills : Data analysis tools and techniques, Linux tools, Parallel processing and notions of naval engineering,

Skills

- **Programming:** Python, Jupyter Notebooks, C/C++, Java, Ladder for PLC, Matlab/Simulink, Labview, VHDL, SQL (currently studying)
- **Soft skills:** Team work, project management, advanced planning and strategic analysis (MOOC Géstion de Projet de Rémi BACHELET)
- **Miscellaneous:** Linux, Raspberry Pi, Matplotlib, Pandas, Docker, git, Kedro, Keras, TensorFlow, PyTorch, OpenCV, Computer Aided Design, 3D Printing, Excel, LaTeX

Languages

- **French:** Advanced - C1 certification (TCF Score 560/699)
- **English:** Advanced - C1 certification (Cambridge FCE Score 186/190)
- **Spanish:** Basic - Currently studying
- **Portuguese:** Native language

Achievements

- **2022**
  Tech Fellow excellence program @ Estudar Foundation. (23 selected from 4285 candidates)
- **2021**
  Honorable mention at the international congress SIICUSP. Best research of the section.
- **2019**
  Brazilian Olympiad of Robotics (1st place) 4 articles awarded with junior scientific research funding
- **2018**
  Federal Institute Tournament of Robotics (2nd place)
  Brazilian Olympiad of Robotics (3rd place)

Research projects

- **Brain damage evaluation on newborns with artificial intelligence** — **Lille, France**
  Supervisor: Dr. Slim Hammadi — *September 2022 – Current*
  Skills acquired: Electroencephalogram analysis and artificial intelligence model deployment with REST API.

- **Machine learning systems for digital twins of oil production unities** — **São Paulo, Brazil**
  Supervisor: Dr. Anna Helena Reali Costa — *December 2020 – December 2022*
  Skills acquired: Signal processing, artificial intelligence, time series analysis and other Data Science related skills.

- **Hybrid mobile robot control software with image processing** — **Suzano, Brazil**
  Supervisor: Dr. Vera Lúcia da Silva — *February 2018 – December 2019*
  Skills acquired: Mobile robotics, embedded systems, Raspberry Pi, OpenCV, Computer Aided Design and 3D printing.

For more information please reach out to me or visit my webpage : vitorsilva.fr