

Filipe Penna Ceravolo Soares

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Profile

A double degree engineering student interested in investments, programming and mathematics, with working experience in project management, business planning, financial planning, machine learning and application dev.

Education

Master of Engineering (Double Degree), École Centrale Lyon

Lyon (France), Aug/21 – Aug/23

- General Engineering with an option in Computer Science
- Project: developed a Python based web tool to forecast weather in Lyon (client: SNCF)

Bachelor of Engineering, University of São Paulo

São Paulo (Brazil), Feb/18 – Dec/23

- Computer and Electrical Engineering
- Project: designed a proposal for improvements to the software architecture of São Paulo COVID-19 vaccination digital infrastructure using MongoDB, HTML, CSS, JavaScript and Node.JS (Electron) (client: SES-SP)

Professional Experiences

Data Analyst Intern, Safran Helicopter Engines

Bordes (France), Apr/23 - Sep/23

- Developed JS based dashboard to manage mechanical components health status

IT Intern, Amazon

Brétigny-sur-Orge (France), Apr/22 - Aug/22

- Developed Python based application to manage fulfilment centers surveillance system (CCTV)
- Amazon small sites network topology upgrade
- Worked in the scope of print on demand site extension (switches, ports, VLANs, DNS)

Business Analyst / Data Scientist Intern, OC&C Strategy Consultants

São Paulo (Brazil), Jan/21 - Jul/21

- Executed due diligence to identify opportunities to Private Equity funds (sector: TMT)
- Designed and implemented a statistical model in Python to control management indicators. Designed and implemented a dashboard in PowerBI to allow quick decision making from model results (sector: Oil & Gas)
- Developed a machine learning model in Python in order to forecast client sales (sector: Retail)

Business Analyst Intern, OC&C Strategy Consultants

São Paulo (Brazil), Jan/20 - Feb/20

- Implemented projects pipeline for customer relationship improvement (sector: Financial Services)

Other Experiences

Volunteer, Endowment, Amigos da Poli

São Paulo (Brazil), Mar/19 - Aug/21

- Amigos da Poli is the first and largest Endowment associated to a university in Brazil. In the last four years, it was recognized twice as one of the 100 best country's NGO's
- Led the management area responsible for funds events, donation campaigns (retail), certifications and awards submission and for the monthly management report to board of directors, for one year
- Led the most relevant donation campaign to attract new donors in 2020, establishing new records of number of donors and money gathered

President, Poli Consulting Club

São Paulo (Brazil), Feb/18 - Jan/20

- As President, led 30 students from the University of São Paulo, defined the club's annual strategic planning and represented the institution upon the consulting firms, the University of São Paulo and its students
- Kearney's Case Competition (national): First Place
- Monitor Deloitte's Case Competition (international): Second Place
- ADVISA OC&C Case Competition: Outstanding Performance Certificate
- Finalist of the University of São Paulo Diversity Award, as leader of D&I core *Consulting for All*

Skills

Languages: English - Proficient (C2 - ECPE), French – Fluent (C1 - DALF), Portuguese - Native, Spanish - Intermediate

Computer science: **Databases:** SQL (PostgreSQL), NoSQL (MongoDB) / **Dashboards:** Power BI, Google Data Studio / **Programming:** Python, C++, C, HTML, CSS, JavaScript, Node.JS, ReactJS, MATLAB / Simulink / **Others:** Microsoft Office, Google Sheets/Forms