CAIRÊ BRITTO BARLETTA

Ericeira, Portugal — 22 years old — Portuguese Citizenship

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PROFESSIONAL EXPERIENCE

Jive Investments Asset Management — Apr 2022 - Dec 2022 (**8 months**)
Macro Research, Structuring & Pricing, and Risk Management Internship — *Faria Lima, São Paulo*

- Conducted credit modeling of structured products of fixed income stressed assets (notional; spread; index; cashflows; par, present and accrued value; IRR and Yields; MOIC; Duration; Convexity; DV-01; Swaps)
- Created and maintained fixed income pricing tools and daily monitored the credit funds performance (asset level vs. shareholder), portfolio exposition and risks (liquidity, market and credit), with R and advanced Excel
- Developed an automatized report generator for Investor Relations team using R/Markdown which spotlighted flaws, reduced operational errors and saved up 1 day per month of manual work (+4,76% of extra time)

Núcleo Mundial de Negócios (World Business Center) — Jan 2022 - Apr 2022 (**3 months**)
Data Analysis Services — *Florianópolis, Santa Catarina*

- Extracted, transformed and loaded (ETL) public databases of brazilian microdata (RAIS, CAGED, PDET, MTE, IBGE, BACEN, DATASUS, ME, IRS) and private data, using SQL and R
- Structured relational databases and realized calculus to create dashboards (*example*), throught PowerBI

SMI Investment Consulting — Jul 2020 - Apr 2022 (**1 year and 8 months**)
Backoffice Internship — *Florianópolis, Santa Catarina*

- Elaborated investment reports (containing among other, topics such as portfolio distribution, performance, risks, legal framework, investment policy, benchmarking, net worth evolution, collections, transactions)
- Compiled and consolidated bank statements to create financial statements
- Formulated demonstratives about resources applications and investments for the Social Security Secretariat

OTHER EXPERIENCE

Finance Club - UDESC & UFSC — Sep 2020 - Mar 2022 (**1 year and 6 months**)
Financial Markets Academic League: Risks & Derivatives Department — *Florianópolis, Santa Catarina*

- Developed an article in PT-BR, comparing VaR ARMA-GARCH and Constant VaR volatility models, with R
- Participated in the creation of the 2021 Strategic Planning and member of the 2021 Communication Team

Management Technologies Laboratory - LabGES — Ago 2018 - Ago 2019 (**1 year**)
CNPq Scientific Initiation Scholarship — *Florianópolis, Santa Catarina*

- Conducted theoretical research including basic notions about networks, data analysis metrics and graph theory
- Participated in the ParticipACT app project regarding efficient & participative smart cities management
- Developed scientific article accepted and presented at the XXII SEMEAD - USP

EDUCATION

Santa Catarina State University - UDESC — Bachelor of Economics — Mar 2018 - Dec 2022

- **Monography** [9,4/10,0] – Measuring The Brazilian Central Bank Communication: An Sentiment Analysis Of The Copom Minutes and Its Impact On Macroeconomic Variables

ADDITIONAL INFORMATION

Softwares	**Advanced**: Excel/MS Office, R — **Intermediate**: PowerBI, LaTeX — **Basic**: SQL, Git
Languages	**Native**: Portuguese — **Advanced**: English — **Intermediate**: Spanish
Interests	Financial markets, macroeconomics, econometrics, data analysis and visualization.
Feedbacks	Fast logical thinking, organized, assertive communication, teamwork, deadline management.