

CHARLES CHAVEROT

Los Angeles, CA ▪ +1 (424) 440 9546 ▪ charles.chaverot@ucla.edu ▪ [linkedin.com/in/charles-chaverot](https://www.linkedin.com/in/charles-chaverot) ▪ charlescvt.github.io

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Los Angeles, CA

Bachelor of Arts, Business Economics

Expected June 2023

- Cumulative GPA: 3.5/4.0
- *Relevant Courses:* Time Series Forecasting in Python and R, Machine Learning for Economists, Econometrics, Accounting

LE WAGON

São Paulo, Brazil

Data Science and Machine Learning Bootcamp

July – September 2022

- > 300 hours course with focus on data science for time series analysis, predictive modelling, and data visualization.
- Worked with public company data during daily challenges to apply financial and predictive models to real-life scenarios.
- *Final project:* Used Natural Language Processing and Deep Learning models to detect fake news articles with 98% accuracy.

EXPERIENCE

Piktiz

São Paulo, Brazil

Data Science Intern

July – September 2022

- Leveraged Python and SQL to design and implement efficient data pipelines for backend data processing and analysis, working with multiple datasets for the largest photographer-booking company in Brazil.
- Built predictive ML models and used regression analysis to visualize the impact of business decisions on KPIs.
- Developed new business solutions, built dashboards to explain complex trends and presented findings to management.

Apex Tutors

Los Angeles, CA

Math and Economics Tutor

April - December 2021

- Demonstrated proficiency in explaining complex concepts simply and conveying useful information intelligibly.
- Tutored High Schoolers for AP exams resulting in 30% grade increase and improved confidence amongst students.

IGN Brazil / Adoro Cinema

São Paulo, Brazil

FP&A and Marketing Intern

February – May 2019

- Performed KPI analysis and ad-spending optimization on both companies' websites (16M and 3.5M monthly visitors).
- Applied gap analysis on firm's audience targeting models to optimize resources allocation and audience reaching.
- Attended daily management meetings, gaining knowledge in project planning and team communication inside of IGN.

PERSONAL AND ACADEMIC PROJECTS

Economic Forecasting Project, UCLA

- Mined, cleaned, and analyzed various government datasets to model macroeconomic factors impacting the markets.
- Made use of Python and R for time series cointegration, volatility modelling, and statistical analysis for forecasting.
- Applied thorough decomposition of time series and built ML models to predict trend, seasonality, and volatility components.

Financial Analytics

- Developed tool combining web scraper, REST APIs and ChatGPT to paint quick portrait of firms' earnings reports.
- Investment algorithm for equities portfolio visualizing P/L, max drawdown, and Monte Carlo VaR simulations.

EXTRACURRICULAR

Brazilian Student Association (BRASA)

President, former VP Finance

September 2021– Present

- Consolidated club's financial statements to improve clarity of revenues and spending, increasing treasury account by 80%.
- Promoted greater integration of the local branch with global BRASA network, creating job opportunities for >60 members.

Business Law and Investing Society (BLIS)

Market Analyst and Editor

September 2021 – June 2022

- Gained experience in rigorous equity research for financial analysis and regular reports of financial markets' movements.
- Participated in weekly meetings and peer-review sessions with other analysts to discuss recent events and impacts on stocks.

SKILLS AND INTERESTS

- **Skills:** Financial Modelling, Risk Modelling, Data Analysis, Time Series Forecasting, Project Management
- **Software:** Python (Pandas, Numpy, Sklearn, Tensorflow), R (dplyr, ggplot2), Streamlit, Docker, SQL, Tableau, Office
- **Interests:** Snowboard, Music Production, Poker, Soccer, New Space, AI applications
- **Languages:** French (native), Portuguese (native), Spanish (working proficiency)