

OSCAR HERRERA GONZÁLEZ

olherrera@uc.cl — +56965375330 — Santiago, Chile.

Senior Economics student interested in Data Science (*ML & BD*) and Quantitative Finance. Received academic training as a software engineer. Flexibility to work with Python, R, MATLAB or Stata.

EXPERIENCE

Research Assistant.
Faculty of Economic and Administrative Sciences,
Pontificia Universidad Católica de Chile.

Santiago, Chile.
July, 2022 -
October, 2022.

- Research Assistant on trading topics with prof. Vincent Van Kervel (phd. Finance, Tilburg University).
- Studied interactions between different types of agents of the markets. Focus on institutional investors.
- Data analysis executed through R scripts over market data. Also, performed construction of code documentation.
- Programming with attention to handling common problems of a 20 GBs database.

Investment Analyst Intern.
Wealth Management, Falcom Asset Management.

Las Condes, Chile.
January, 2022 - April, 2022.

- Asset allocation analysis performed for improvement proposals for benchmarks and investment strategies.
- Construction of documentation of the previous point.
- Databases management and working experience with Bloomberg Terminal.

EDUCATION

Minor in Computer Science.
Pontificia Universidad Católica de Chile.

Santiago, Chile.
August, 2020 - November, 2022.

- Program of the Computer Science Department (Engineering Faculty) open to students of other bachelors.
- Curriculum composed by the same minimum courses of B.Sc. Software Engineering.
- Hundreds of hours of programming experience with Object-Oriented Programming.
- Programming experience with tools such as Ruby, Rails, HTML, VBA, PHP, SSH, pandas and MongoDB.
- Developed proficiency with Python for Software Development.

Title in Economics
(Extra year of studies required by chilean law).
Pontificia Universidad Católica de Chile.

Santiago, Chile.
August, 2021 -
August, 2022 (expected).

- Year of studies required, equivalent to one of the two years of the Master in Applied Economics (same graduate courses).
- Comprehensive exams are also a requirement.
- Topics: Financial Markets, Machine Learning and Time Series.

B.Sc. Economics.
Pontificia Universidad Católica de Chile.

Santiago, Chile.
March, 2016 - August, 2022 (expected).

- Learned fundamentals of Microeconomics, Macroeconomics, Finance, Econometrics, Statistics, Algebra and Calculus.
- Areas of interest: Econometrics, Mathematic modelling, Algorithmic Trading and Quantitative Finance.

TECHNICAL SKILLS & NON-TECHNICAL SKILLS

Computational skills: Python, R, MATLAB, Stata, SQL, Excel, \LaTeX GitHub and git.
Languages: Spanish (native) and English (fluent).

ACTIVITIES

Weightlifting Team Athlete, Pontificia Universidad Católica de Chile.

August, 2019 - March, 2022.