

# OSCAR HERRERA GONZÁLEZ

olherrera@uc.cl — Github: @olherreragz — Santiago, Chile.

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Senior Economics student interested in Data Science and Quantitative Finance. Received academic training as a software engineer.

## EXPERIENCE

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### Research Assistant.

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

Santiago, Chile.

July, 2022 -  
October, 2022.

- Research on trading topics with prof. Vincent Van Kervel (phd. Finance).
- Studied interactions between different types of agents of the market and their agent-specific trading patterns.
- Data analysis executed with R, handling a 20 GBs database of market data.
- Code documentation constructed.

### Investment Analyst Intern.

Wealth Management, Falcom Asset Management.

Las Condes, Chile.

January, 2022 - April, 2022.

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

## EDUCATION

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### Academic Certification in Computer Science.

Pontificia Universidad Católica de Chile.

Santiago, Chile.

August, 2020 - December, 2022.

- Software Engineering academic training given by the Computer Science Department of the Engineering Faculty.
- Programming experience with Python for software development.
- Coding experience with tools such as Ruby on Rails, HTML, VBA, PHP, SSH and MongoDB.

### Professional title in Economics.

Pontificia Universidad Católica de Chile.

Santiago, Chile.

August, 2021 - August, 2022 (expected).

- Extra year of studies required by chilean law to get an additional degree with graduate courses and comprehensive exams.
- 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 Macroeconomics, Microeconomics and Financial Economics. Specialized on Econometrics.

## TECHNICAL SKILLS & NON-TECHNICAL SKILLS

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**Computational skills:** Python, R, MATLAB, Stata, SQL, Excel,  $\text{\LaTeX}$  GitHub and git.

**Languages:** Spanish (native) and English (fluent).

## ACTIVITIES

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Weightlifting Team Athlete, Pontificia Universidad Católica de Chile.

August, 2019 - March, 2022.