

# MARTIN TORRICO

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Industrial Engineering student at Universidad de Chile. I have worked as a teaching assistant at the Universidad de Chile, where I have taught classes, reviewed evaluations and provided guidance to students. Also, I have experience in BI and M&A, which has given me skills in data analysis and strategic evaluation.

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## EDUCATION

### INDUSTRIAL ENGINEERING, MINOR IN COMPUTER SCIENCE

**Universidad de Chile.** *Santiago, Chile.* 2019 – Present  
*Outstanding Student 2022.*

### EXCHANGE PROGRAMS

**Universidade do Porto.** *Porto, Portugal.* 2023 – 2024

**North Bridge House Schools.** *London, England.* 2016

### ELEMENTARY AND HIGH SCHOOL

**Colegio Pumahue Chicureo.** *Santiago, Chile.* 2009 – 2018  
*Virtus Vincit Award and Star Pupil scholarship.*

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## WORK EXPERIENCE

### UNIVERSIDAD DE CHILE

#### Teaching Assistant of Data Analysis and Causal Inference. 2024

Conducting and designing **lectures** to +130 Industrial Engineering students covering topics such as Linear Regression Interpretation, Difference-in-Differences Method and Machine Learning (based on decision trees). Reviewed and administered **tests, reports** and **lab sessions** covering: Empirical Research Methods, Linear Models & Applications, Causality & Inference, Endogeneity & Identification and Big Data & Causal Inference.

#### Teaching Assistant of Information Engineering. 2023

Revised and administered **tests** for 70 Industrial Engineering students, covering topics such as Business Analytics, Relational & NoSQL models, SQL, Classification Performance Metrics, Supervised and Unsupervised Machine Learning. Reviewed **reports** for 16 students, covering Entity-Relationship Model, SQL, Exploratory Data Analysis, Supervised and Unsupervised Machine Learning.

#### Teaching Assistant of Project Conceptualization and Design Workshop. 2022

Reviewed weekly **presentations** and progress **reports** for 20 Industrial Engineering students grouped into teams of 5. Guided and oriented these students to design a relevant innovation project. Developed their skills to identify societal problems and needs, focusing on a challenge to solve that problem and concluding with a valuable prototype design.

### EMPRESAS LIPIGAS

#### Business Intelligence Intern. 2023

Trained in **Power BI**, with experience in extracting and transforming data from Excel reports using Microsoft Power Query. Developed specialized **reports** providing key information for strategic decisions in the Administration and Finance area, allowing trend identification and resource optimization.

### ONEtoONE CORPORATE FINANCE

#### Mergers and Acquisitions Intern. 2022

**Research** and evaluation of over 700 firms within the IT ecosystem, resulting in a strategically prioritized list of 150 companies. Identified and **profiled** over 50 cybersecurity firms within the region, creating a top 10 **ranking** of the best-performing companies. Developed a final and detailed profile of these companies to provide sufficient information for a preliminary dialogue with their founders.

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## TOOLSET

**Python** Advanced  
**R** Advanced  
**Microsoft Office** Advanced  
**SQL** Intermediate

**Microsoft Power BI** Intermediate  
**Git & GitHub** Basic  
**Microsoft Azure** Basic

## SKILLS

Active listening  
Agile leadership  
Critical thinking

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## OTHER ACTIVITIES

**Lead Vocalist.** 2019 – 2023  
*La Quinto Patio, cumbia and tropical music.*  
**Chess Enthusiast.** 2019 – Present

## LANGUAGES

Native **Spanish**.  
Intermediate-Advanced **English**, B2 TOEFL ITP.  
Intermediate **Portuguese**.

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## ADDITIONAL COURSES

**University of Colorado Denver.** *Agile Lidership: Introduction to Change.* 2024  
**DataCamp.** *Cleaning Data in R.* 2024  
**University of Michigan.** *Introduction to Data Science in Python.* 2023  
**Linkedin.** *Aprende análisis de datos.* 2022

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