Cristóbal **Alcázar C.**

DATA SCIENTIST · DATA ANALYST

Santiago, Chile

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Work Experience

Compraquí - BancoEstado subsidiary
Santiago, Chile

MANAGER PAYOPS AND ANALYTICS
Oct. 2020 - May. 2021

- Responsible for the end-to-end payment process to merchants and coordinating a team of 4 analysts.
- Lead the analytics team to provide data and insights to different company areas and the management team to make data-driven decisions for the business.
- To coordinate the relationship with the acquirer, defining services and needs for information required by the payment and data processes.
- Design, development and document the main processes of the Payops and Analytics area.
- To organise the incidents in a repository and manage their resolution with the technological provider.

PAYOPS AND RISKFRAUD LEAD
Oct. 2019 - Oct. 2020

- Lead the Payops and RiskFraud team to pay to merchants and minimise the fraud operations and misuse of the service in the card payment network.
- Extracting data and reports from PostgreSQL; using R to data analysis tasks and implementing dashboards for monitoring metrics.
- To collaborate tightly with the acquirer to add new payment features and establish the message protocols and certification process with the card brands such as Visa and MasterCard.

Central Bank of Chile
Santiago, Chile

ECONOMIC FINANCIAL ANALYST - MACROECONOMIC STATISTIC DIVISION
Oct. 2016 - Oct. 2019

- Responsible for the deployment and maintenance of the statistical data process to elaborate the local fixed income quarterly publications.
- To write technical reports and make presentations to the different stakeholders periodically about the economic and financial scenario of the local fixed-income markets.
- Implement and publish the Handbook of Securities Statistics for Chile, one of the nine items of the Special Data Dissemination Standards (SDDS plus), the most advanced standard for economic-financial statistics dissemination worldwide. Chile is one of the two countries in LATAM to meet these standards. More information here.

Teaching Experience

Data Visualization Talk, Women in Data - Guatemala Chapter (NPO)
Remote

SPEAKER
Oct. 2021

- A talk focused on the skills for moving from a beginner to an intermediate user in data visualization. The topics included composing data visualisations by layers, knowing some of the best practices, and customising many visual features to maximise communication using python.
- Slide, video recording, and code for my talk: https://github.com/alcazar90/WomenInData-Guatemala2021

Data Visualization Workshop, Ministry of Social Development and Family
Santiago, Chile

SPEAKER
Aug. 2019 - Sep. 2019

- A four-session Data Visualization workshop focused on both hands-on and theoretical material addressed for professionals in the public sector.

University of Chile
Santiago, Chile

EI3001-2: DATA JOURNALISM WITH PYTHON (PART-TIME PROFESSOR)
Mar. 2019 - Aug. 2019

- An interdisciplinary course dictated for engineering and journalism students; focused on providing data science tools to apply to data journalism projects.

ECP7-1: DATA ANALYSIS WITH R PROGRAMMING (PART-TIME PROFESSOR)
Sep. 2018 - Dec. 2018

- This was the first course imparted at the Institute of Communication and Image (ICEI) that gives data science tools for data wrangling and visualization for applying to data journalism projects.

EI2001-32: DATA JOURNALISM WITH R (TA)
Mar. 2018 - Aug. 2018

- Designed material and activities to teach and support students in the use of the R programming language during the course projects.

Education

Tokyo Data Science
Remote

DATA SCIENCE PROGRAM
Sep. 2020 - Up to date

- About the curriculum: https://tokyodatascience.com/courses.

Universidad Adolfo Ibañez
Viña del Mar / Santiago, Chile

B.S. IN BUSINESS ADMINISTRATION, MSC IN FINANCE
Mar. 2009 - Dec. 2015

- Minor in Political Science.

Skills

Programming Languages	R (tidyverse, ggplot2), Python (Numpy, scikit-learn, PyTorch, matplotlib, jupyter), SAS, LaTeX, Matlab, git
Languages	Spanish (native), English
EDX	Introduction to Computer Science and Programming Using Python, Introduction to Computational Thinking and Data Science, Artificial Intelligence (CSMM.101.x), Machine Learning (CSMM.102.x), Robotics (CSMM.103.x)
Coursera	Introduction to Machine Learning in Production, Machine Learning, "Graph Search, Shortest Paths, and Data Structures", "Divide and Conquer, Sorting and Searching, and Randomized Algorithms", The Data Scientist's Toolbox, R Programming, Getting and Cleaning Data, Exploratory Data Analysis, Reproducible Research, Statistical Inference, Regression Models, Managing Big Data with MySQL

Writing

Digital literacy, computational thinking, and literate programming. *Lom Ediciones*

ALCÁZAR, CRISTÓBAL *Oct. 2019*

- Alcázar, Cristóbal. "Alfabetización Digital, Pensamiento Computacional y Programación Literaria". *Inteligencia Artificial y Bienestar de Las Juventudes En América Latina (Spanish Edition)* , edited by Lionel Brossi et al., 1st ed., LOM Ediciones, 2019, pp. 127–35.