

Gabriel Olivares Armijo

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Skills

- Data Science**
- Python
 - SQL
 - Power BI
- Others**
- Git
 - Communicative skills
 - Team leadership

Languages

Spanish – Native.
English – C1.
Japanese – N3.

Summary

Data scientist with experience in developing projects focused on helping disabled people, as well as taking the leading position in projects developed in several academic and non-academic environments.

I am a driven and proactive person, who often ends up researching and quickly learning new topics out of curiosity, so I can apply them to new projects and keep constantly improving.

Education

Advanced Data Science (Minor’s degree) | *Universidad de Santiago de Chile* (03/2021 – 08/2023).

I participated in three group projects related to Data analysis, Machine and Deep Learning modeling and tuning and project presentation, taking the leading position in regards to the majority of the coding related tasks.

The first project used the Titanic dataset as a basis, and the assessment was to build an algorithm that accurately classified new data in one of two groups. For this, we decided to use scikit-learn and three different classification algorithms: Decision trees, KNN and a Bayesian classification model.

For the second project, I collaborated in the well-known 1994 Census dataset analysis. For this project we used the K-Means algorithm in order to sort the data into different groups. However, we found out, after using FAMD for dimensional reduction of the data, that there was a third group and not the classical two that every other analysis of this project gives as a result.

For the last project, I participated in the building of a Siri-like app with a focus on helping disabled people, schools and tourists who cannot access the internet. The project has resulted quite challenging and is still in development, for it has the goal of working in multiple languages simultaneously.

Currently working on a paper on the topic of Data analysis using FAMD on datasets.

English Pedagogy | *Universidad de Santiago de Chile* (03/2020 – 08/2023).

Underwent practicums at a public school as an assistant teacher, also worked as a private tutor of English, Japanese and Programming.

I collaborated in projects related to child psychology and education.

Computer Engineering | *Universidad de Santiago de Chile* (03/2017 – 03/2018).

Worked in personal projects related to disabled people’s assistance.

The first project was a solution that helped deaf people communicate. It was made using the Sphinx library and Java.

The second project is an ASR system that seeks to help disabled people use a PC at their school or workplace, it has versions in Java and Python. These projects were an inspiration for me to get into Data Science.

Courses

Power BI Beginner to Pro Workshop – Pragmatic Works – (09/2023)

Python Data Structures & Algorithms + LEETCODE Exercises – Scott Barrett.