

CARLOS ALFREDO TORRES CUBILLA



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Languages:

- Spanish native
- English advanced
- German beginner

Interests:

- ✓ Outdoor activities
- ✓ Politics
- ✓ Programing
- ✓ Soccer

Work experience

Banco General, Panama City, Panama

April 2022 -
Present

Senior Data Scientist

- Leading a Data Science team to develop Machine Learning based analytics solutions that automatically generate results monthly to support the business and credit collection teams
- Performing ETL processes using PySpark
- Developing regression, classification, and clustering models using libraries such as Scikit-learn, LightGBM or XGBoost
- Creating dashboards in AWS QuickSight to support monthly monitoring of the results of models in production
- Supporting junior data engineers and junior data scientists to improve their skills and develop their potential

January 2021 -
March 2022

Data Scientist

- Working holistically with data engineers and other data scientists
- Performing ETL processes using PySpark
- Producing and developing analytical Machine Learning models with Python
- Visualizing and presenting results of financial analysis

STAT-UP, Munich, Germany

February -
April 2020

Data Science Intern

- Performed ETL processes in R with the Tidyverse environment
- Analyzed and prepared data to communicate statistical results from various sources e.g., politics, financial, personal data
- Created interactive HTML reports with R for reporting statistical analysis
- Developed a dashboard to perform multivariate statistical analysis in R with a simple UI created with R Shiny

Department of Statistics of the University of Salamanca, Salamanca, Spain

September
2018 - January
2019

Statistic Intern

- Instructed students from various fields on how to use statistics in their work
- Assisted teaching and observed best practice

Education

- 2019 - 2020** **MSc in Advanced Analysis of Multivariate Data and Big Data (8.72/10) corresponding 1,3**
University of Salamanca, Spain
- 2016 - 2019** **BSc in Statistics (8.14/10) corresponding 1,7**
University of Salamanca, Spain
- 2014 - 2016** **BSc in Statistics Engineering (2.47/3)**
University of Panama, Panama
- 2011 - 2013** **High School Diploma in Arts, Science and Philosophy**
Javier School, Panama City, Panama

Groups and associations

- October 2018 - June 2020** **Member of DATALAB USAL**
- Helped students with the use of data analysis and statistic
 - Advanced study in statistics and data analysis
 - Joined events and group activities to expand personal and professional skills

Volunteering

- April 2018** **Volunteer in Startup Olé Accelerator**

Awards and Honors

- March 2019** **First place in *HackForGood* Salamanca**

Computer skills

Excellent professional knowledge of Python

- ETL process using PySpark
- Statistical methods using SciPy and statsmodels
- Machine learning using Scikit-learn, LightGBM and XGBoost
- Model interpretability with Explainerdashboard and Shapash

Extensive knowledge of R

- Data structures (vectors, matrix, data frames, lists)
- Reading and preprocessing data with Tidyverse
- Descriptive and exploratory analysis using ggplot2
- Web programming using Shiny

Good professional knowledge of Statistical software

- SPSS
- Gretl
- Weka

Experience with BI tools as Power BI and Tableau

Familiar with web design with HTML and CSS