Abel Briones Galarza

linkedin.com/in/abelbriones/ | github.com/abelbg

684 011 468 | abelbrionesg@gmail.com | Barcelona

After four years of experience building and managing cloud infrastructure as a system administrator, I took a step forward to become a data professional. By being persistent in my academic path, I have been steadily acquiring knowledge in many different data-related frameworks and technologies. Now that I have been able to start as a data engineer through an internship, I am eager to continue applying my DataOps stack in exciting new projects.

SOFT SKILLS

Autodidact
Communication
Teamwork
Planning
Problem-solving

LANGUAGES

Spanish / Catalan
Native

English
C1 Advanced

Deutsch
B1 Goethe Zertifikat

PROGRAMMING

C++
For: Arduino
　　　Unity

Python
For: Data Analysis
　　　Data Visualization
　　　Machine Learning

R

SQL

CLOUD COMPUTING

AWS
Google Cloud
Microsoft Azure
Cert.: AZ-104 / DP-900

DATAOPS STACK

Airflow
Apache Spark
Azure DevOps
Azure SQL
Databricks
Docker
Kubernetes
Terraform

ACADEMIC EDUCATION

Master's Degree
Artificial Intelligence
(Part-time)
2022 – Ongoing
Univ. Politècnica de Catalunya

Master's Degree
Cognitive Systems and Interactive Media
2020 – 2022
Univ. Pompeu Fabra

Bachelor's Degree
*Psychology
– Research Itinerary*
2015 – 2020
Univ. de Barcelona

WORK EXPERIENCE

Data Engineer
05/2022 – Ongoing
SCRM Lidl International Hub

Extracurricular internship. Responsible for the operational and development tasks of Lidl's Data Platform cloud infrastructure. Administration of Azure Data Lake. Configuration of Databricks workspaces. Deployment of data pipelines in Azure DevOps. Development of Terraform modules. Automation of operations with Python scripts. Elaboration of technical documentation in Confluence. Resource monitoring. *Agile/Scrum methodology.*

Research Assistant
11/2021 – 07/2022
SPECS-Lab (ICREA)

Master thesis internship. Research in Artificial Intelligence and Computational Neuroscience. Implementation of deep reinforcement learning algorithms for the study of convention formation in multi-agent systems. Modelling done in Python.

System Administrator
07/2020 – 08/2021
ie3

Full-time job. Responsible for the governance of the client's IT infrastructures. Management of cloud environments using Azure and AWS. Migration of on-premises servers. Administration of the Office365 suite. Device monitoring with Nagios. Log analysis with Python. Elaboration of technical documentation in Confluence, and statistic reports in Power BI.

Personal milestone. Successfully managing a small team of technicians for a deployment project at Lacer, S.A. facilities.

Research Assistant
09/2019 – 06/2020
Brainlab UB

Undergraduate internship. Research in brain electrophysiology on predictive perception and sense of agency. I developed the scripts used in EEG signal processing, as well as for the statistical analysis.

IT Technician
06/2019 – 12/2019
Hospital Quirónsalud

Full-time job. Responsible for the maintenance of the hospital's IT infrastructure. Monitorization of incidents with Jira. Office365 portal administration. Database administration. Management of on-premises and cloud servers. Equipment configuration and repair.

IT Technician
09/2017 – 07/2019
Dpto. Informática UB

College training internship. L1 and L2 helpdesk. Starting as an assistant technician, I was able to adapt easily to the position and ended up autonomously taking on additional tasks focused on systems administration.

IT Administration

Bash Scripting
Log Analysis
Networking

Portfolio

Please check my
GitHub Profile.

Training

Data Engineering
07/2022 – Ongoing
DataTalksClub

Zoomcamp. Project-based course covering state-of-the-art technologies and methodologies related to data engineering: infrastructure setup with GCP and Terraform, data ingestion with Postgres and Python, workflow orchestration with Airflow, data warehouse with BigQuery, analytics engineering with dbt, batch processing with Spark, and streaming with Kafka.

Data Science with Python
06/2021 – 10/2022
IT Academy

Bootcamp. 12 weeks in face-to-face modality with mentoring. Familiarization and implementation of the most relevant packages and techniques in the field of Data Science with Python.

IBM Data Science Certificate
09/2019 – 12/2019
Coursera

Online course. 9-module specialization covering a wide range of Python Data Science related topics, including: open-source tools and libraries, methodologies, databases, SQL, data visualization and analysis, and machine learning.

MITx Introduction to Computer Science and Programming
06/2020 – 09/2020
edX

Online course. Introduction to computational science as a tool to analytically solve real-world problems using Python and SQL.