

# Alejandro Brea Gascón

Junior Data Engineer

## Alejandro Brea Gascon

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<b>Email address</b>	abreag02@gmail.com
<b>Phone number</b>	+34 674 72 23 98
<b>Website</b>	alejandrobrea.com
<b>LinkedIn</b>	linkedin.com/in/alejandrobrea
<b>Languajes</b>	Spanish - English - Galician - Portuguese

## Profile

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Based in Galicia, Spain, I am accustomed to working with SQL, Python, Snowflake, Databricks, PySpark and SQL Server to manage and analyze large volumes of data. Experience in developing ETL processes using Python, utilizing libraries such as Pandas and NumPy, as well as developing a Data Ingestion Framework with Spark in combination with Databricks and Azure Data Factory, for both internal purposes and client engagements.

I strongly believe that data can transform the way we understand and improve the world. I enjoy participating in tech community events in Spain, such as AtlánticaConf and HackUDC, where I can expand my knowledge and connect with other professionals.

My focus on teamwork, constant desire to learn, and willingness to take on new challenges drive me to seek opportunities that allow me to grow professionally and make significant contributions to the field of technology.

## Employment

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Jun 2024

### Junior Data Engineer

**Deloitte, La Coruña, Galicia / Galiza, España · Hybrid**

Working in the Artificial Intelligence & Data area:

- Development and maintenance of ETLs for data migration and integration using tools such as Python, utilizing libraries such as Pandas and NumPy as well as developing a Data Ingestion Framework with Spark in combination with Databricks and Azure Data Factory and various databases, among others.
- Experience in maintenance tasks, analysis, issue resolution, creation, and adaptation of reports in Power BI
- Proficient in SQL for defining data tables and views along with loading scripts
- Experienced in creating reports in SSRS (Reporting Services) and enhancements using Cubes, Dimensions, and Partitions with metrics, filters, and MDX queries
- Modifications in ETL loading processes in SSIS (Integration Services) using Visual Studio and Microsoft SQL Server Management Studio

**Apr 2024 - Jun 2024**

**Intern**

**Deloitte, La Coruña, Galicia / Galiza, España · On-site**

Working in the Artificial Intelligence & Data area:

- Training in technologies: Snowflake, Databricks, and Power BI
- Development of an ETL (Extract, Transform, and Load) process with Python using libraries such as Pandas and NumPy
- Basic management of cloud services for hosting services and data

**Jun 2023 - Jun 2023**

**Coordinator**

**PLAY CODE ACADEMY, Universidade da Coruña · On-site**

- Coordination of the Summer IT Campus for children and young people at the Faculty of Computer Science of the University of A Coruña.
- I teach classes on topics related to robotics, programming, and 3D design, all tailored to the students' age and skill level.
- I coordinate the development of the campus, including class scheduling, liaison with the university, and communication with families.

## Education

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**Sep 2022 - Jun 2024**

**Higher Vocational Training Certificate, Web Application Development  
Liceo la paz, A Coruña**

Skills in Git for version control. Proficient in React, HTML5, and CSS3 for frontend development. Experienced in SQL, Spring, PHP, and Java for backend development. Familiar with Docker and other technologies.

**Sep 2020 - Jun 2022**

**Bachelor's Degree in Engineering, Industrial Engineering  
Universidade da Coruña, A Coruña**

Studied at the School of Engineering, acquiring knowledge in physics, calculus, chemistry, among other subjects.

**Sep 2018 - Jun 2020**

**High School Diploma, Technology  
Colegio Santo Domingo FESD A Coruña, A Coruña**

## Certificates

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**May 2024**

**Hands-On Essentials: Data Warehousing Workshop**

**May 2024**

**Hands-On Essentials: Data Lake Workshop**

**May 2024**

**Hands-On Essentials: Collaboration, Marketplace & Cost Estimation Workshop**

**May 2024**

**Hands-On Essentials: Data Application Builders Workshop**

**Apr 2024**

**Hands-On Essentials: Data Engineering Workshop**

**Apr 2024**

**Academy Accreditation - Databricks Lakehouse Fundamentals**

**Apr 2024**

**Academy Accreditation - Generative AI Fundamentals**