

# Alberto Agudo Domínguez

## AI Engineer | AWS Certified

Experienced in data processing and modeling, cloud engineering, software development and Generative AI

### Education

- MSc in Applied Social Data Science (2021–2022, London School of Economics)
  - Awarded a postgraduate scholarship by the Bank of Spain to study in London
  - Graduated with Distinction
- BSc in Economics (2017 – 2021 University of Salamanca)
  - Top Graduate Award for the highest GPA in the 2017–2021 cohort
  - Outstanding Thesis Award for best final-year dissertation
  - GPA: 9.73/10
  - Erasmus exchange at KU Leuven (Belgium), graduated with Distinction

### Professional Experience

#### AI Engineer – Minsait – sep. 2024 – Present

- Migrated an architecture from Azure to SAP BTP, developing a Flask-based backend and a new Generative AI module for text processing
- Successfully built and delivered a RAG-powered customer support chatbot for an energy client through AWS Lex and Bedrock
- Design of cloud architectures for multiple business use cases

#### Software Engineer – Ebiquity plc (London, remote) – sep. 2022 – sep. 2024

- Developed a semantic search engine (RAG) for internal company training videos
- Developed and maintained statistical software with CI/CD pipelines for company-wide distribution
- Orchestrated computational workflows using Docker and AWS Lambda / Fargate
- Processed large-scale data on AWS EMR with Spark
- Independently developed end-to-end projects on A/B testing, MMM (econometrics), and machine learning for consumer behavior prediction (XGBoost)

#### Visiting Researcher – Bank of Spain – jun. 2022 – sep. 2022

- Developed web scraping pipelines and implemented a research database

#### Data Science Internship – Startup Digital Agency – feb. 2021 – jul. 2021

- Developed end-to-end machine learning projects for various business use cases

#### Research Assistant – University of Salamanca – nov. 2019 – feb. 2021

- Built databases and conducted econometric modeling for a research project
- [Published a research paper](#) on drought insurance and climate risk as corresponding author in a Q1 journal

### Skills

#### Programming languages:

Python, R, SQL

#### Technologies:

AWS, Azure, CI/CD, Docker, Flask, Git, SAP BTP, Selenium, Spark (sparklyr), Power BI

#### Certifications:

- Machine Learning Engineer - Associate - MLA-C01 · **AWS**
- Solutions Architect - Associate – SAA-C02 · **AWS**
- Cloud Practitioner – CLF-C02 · **AWS**

#### Languages:

- Spanish - Native
- English – C1
- German – B1
- French – A2

#### Other:

- [Personal website](#)
- [LinkedIn](#)
- [Stackoverflow](#)