

HUGO IGLESIAS POMBO

INTELLIGENT SYSTEMS ENGINEER

PROFESSIONAL SUMMARY

AI & Data Engineer at Plexus Tech, currently assigned to Inditex. Background in Intelligent Systems Engineering (UIE) and hands-on experience building data pipelines, ML models, and AI agents in production environments. Author of the "Programming and Data Mining" course for the Master's in Cybercrime at Universidad Europea.

CONTACT

Phone: +34 634 40 39 67

Email: higlesiasvd@gmail.com

LinkedIn: [linkedin.com/in/hugoiglesiaspombo](https://www.linkedin.com/in/hugoiglesiaspombo)

WORK EXPERIENCE

AI & Data Engineer - INDITEX (via Plexus Tech) 02/2026 - Present

- **Data Engineering / Advanced SQL:** designed and maintained large-scale audience segmentation pipelines on Snowflake, with multi-market business logic.
- **Technical lead on a unified communications front end** (Python/FastAPI, decoupled backend/frontend) to consolidate messaging channels and tools across all of the group's brands.
- **CRM:** contributed to a CRM platform for Zara, including customer segmentation and campaign business logic.
- **Growth / Conversion recovery:** built audiences to target abandoned carts and prospective customers, combining paid and organic channels.
- **Multi-agent systems / LLMs:** built process-automation pipelines using agentic systems orchestrated through an internal tool.
- **Channel operations:** sole operator of Zara's push notification delivery, managing the full campaign cycle (audience generation, launch, and monitoring).
- **Identity Resolution:** contributed to a cross-channel identity unification system built on Snowflake + Databricks + Azure Data Factory.

AI & Data Engineer - Plexus Tech (Consulting, multiple clients) 06/2025 - 02/2026

- **Banking client:** developed predictive ML models and pipelines for fraud detection using Docker, Kafka, and Flink.
- **Hotel Digital Twin** (Balearic Islands Government): built and trained AI models including a PINN for thermal insulation assessment and an LSTM for water leak detection, plus secure endpoints using Paseto and Keycloak.

Author, "Programming and Data Mining" - Universidad Europea (Master's in Cybercrime) 2025 - 2026

- Sole author of the course, covering the following modules:
 - Programming Languages (Python and C/C++)
 - Data Mining Tools and Methods
 - Historical Introduction to Intelligent Systems
 - Machine Learning: Supervised and Unsupervised Learning
 - Neural Networks and Generative AI
 - Digital Project Development Methodology

EDUCATION

B.Eng. in Intelligent Systems — Universidad Intercontinental de la Empresa (UIE) 2022 – 2026

Degree combining engineering, artificial intelligence, and information technology with business training, covering machine learning, natural language processing, robotics, computer graphics, digital twins, and software architecture.

Awards and honors:

- Ángela Ruiz Robles Academic Excellence Award - Xunta de Galicia (Regional Government of Galicia): awarded for the best academic record in his degree program across all universities in the Galician University System.
 - Dean's List - Top 10% of academic record, UIE: recognition for academic excellence within the top 10% of the cohort, achieved in 4 consecutive terms:
 - January 2026 - GPA 9.10
 - June 2025 (semester taught in English) - GPA 9.30
 - January 2025 - GPA 9.40
 - July 2024 - GPA 9.01
 - Multiple Highest Honors (Matrícula de Honor) throughout the degree.
-

CERTIFICATIONS

- English certified by the British Council (B2) — 2023

COURSES

- Supervised Machine Learning - Stanford University - 33h
- Docker, Kubernetes, and Containerization - Duke University - 44h
- Spark, Hadoop, and Snowflake for Data Engineering - Duke University - 30h
- Data Visualization with Python - Duke University - 10h
- Deep Learning with Keras - IBM - 10h
- Agile Development and Scrum - IBM - 18h
- Product Owner - IBM - 10h
- Creation & Branding, Retail & Client Experience - LVMH -30h