ÓSCAR GONZÁLEZ FRESNO

Telecommunications Engineer

PROFILE

As a Telecommunications Engineering, I believe I have developed a solid ability to tackle complex problems. I am passionate about seeking new challenges and learning from each experience, always striving to improve and contribute positively. I am committed to the continuous development of my skills and knowledge, and I enjoy collaborating with others to achieve common goals.

CONTACT

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✉️ oscargonzalezfresno@gmail.com

📍 Madrid, Community of Madrid

🌐 Web Portfolio

OTHER INFORMATION

Driver's license B

Available for mobility

EXPERIENCE

UC3M (MADRID) - RESEARCH SUPPORT SPECIALIST
December 2024 - Present

- Collaborated with Fundación Universia on data engineering projects.
- Designed and executed ETL processes using Scala, Spark, and Python within an AWS cloud environment.
- Developed interactive data visualizations and dashboards with Power BI to support business insights.

MERKLE (GIJÓN) - MARTECH ENGINEER
April 2022 - July 2023

- Data collection from multiple client assets to perform detailed analyses that enhance strategic decision-making and personalize customer experiences.
- Implementation of mechanisms to manage user privacy and consent on web pages, ensuring compliance with data protection regulations.

UNIVERSITY OF OVIEDO (GIJÓN) - INTERNSHIP
March 2021 - June 2021

- Application of Machine Learning techniques on a digital communications simulation for MIMO channels, creating a neural network for signal detection and recovery.

EDUCATION

DOUBLE MASTER'S DEGREE IN TELECOMMUNICATION ENGINEERING AND ADVANCED COMMUNICATIONS TECHNOLOGIES

University Carlos III of Madrid
September 2023 - September 2025

DEGREE IN ENGINEERING IN TELECOMMUNICATION TECHNOLOGIES AND SERVICES

University of Oviedo - University of Cagliari (1 year)
September 2017 - March 2022

COMPETENCIAS

Languages	English- C1 (CAE) Italian - B2 (PLIDA) Spanish - Native
IT Skills	**Basic level:** Astro, MongoDB **Intermediate level:** Java, C++, Linux, Git, SQL, React, HTML, CSS, AWS, JavaScript **Advanced level:** Python, Pytorch, Scala, Spark, Matlab, Microsoft 365, PowerBI
Personal Skills	Organization and planning Critical analysis Ability to learn and adapt