RUBÉN GONZÁLEZ VELASCO
MASTER'S IN ARTIFICIAL INTELLIGENCE

CONTACT INFORMATION

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SKILLS

- **Programming:** Python, Java, C, R, SQL, Matlab, Maple
- **Machine Learning & AI:** Scikit-learn, TensorFlow, Keras, Pytorch, MLFlow
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn
- **Web:** HTML, CSS, JavaScript
- **Tools:** Git, Jupyter Notebooks, Office 365
- **Mathematics:** Statistics, Topology, Analysis

LANGUAGES

- **Spanish** - Native
- **English** - Advanced (C1)
- **French** - Fluent (B2)

PROFILE

Graduate in Mathematics and Computer Science with a Master's degree in Artificial Intelligence from the Technical University of Madrid. Experienced in applying AI techniques to real-world problems, specifically in air traffic management, gained during an academic internship at CRIDA A.I.E. Strong analytical skills combined with a solid mathematical background and international experience through Erasmus+ at KTH, Stockholm.

EDUCATION

Master's Degree in Artificial Intelligence

ETSIINF | Technical University of Madrid (UPM)
Madrid, Spain

Completed 2025

- **Master's Thesis:** Analysis of Trajectory Matching and Adherence to Flight Plan using Artificial Intelligence. **Score:** 10/10
- Metaheuristics, Evolutionary Computing and NLP

Bachelor's Degree in Mathematics and Computer Science

ETSIINF | Technical University of Madrid (UPM)
Madrid, Spain

Completed 2024

Erasmus+ Exchange Program

EECS | Kungliga Tekniska Högskolan (KTH)
Stockholm, Sweden

Academic Year 2023/24

Bachibac: Double Spanish-French Baccalaureate

Completed 2020

PROFESSIONAL EXPERIENCE

Academic Intern
CRIDA A.I.E., Madrid, Spain.

Feb. 2025 - Jul. 2025

- Developed and deployed ML models analyzing flight trajectory adherence, improving anomaly detection.
- Implemented MLOps pipelines for data processing, model training, deployment, and monitoring.
- Collaborated with experts to integrate AI into real-time air traffic management systems