LUIS ORTIZ BENITO

🖥 Software Engineer | Data Scientist ☑

🌐 Luis Ortiz Benito   ✉ luis.ortiz.linkedin@gmail.com   📞 (+34) 601081200

EDUCATION —

09/2022 – 07/2023 / English Option
• **MSc. Data Science**
Universidad Politécnica de Madrid
- Final Master's Thesis:
Novel Approaches for Concept Drift Detection in ADIF Infrastructures.

09/2018 – 07/2022 / Bilingual Option
• **BSc. Computer Science & Engineering**
Universidad Carlos III de Madrid
- Artificial Intelligence Minor
- Final Degree's Thesis: **(Awarded!)**
Optimization of Investment Strategies using Genetic Algorithms.

ACHIEVEMENTS —

Honor's distinction:
• Degree thesis
• Artificial Intelligence
• Disability and Human Rights

SKILLS —

Teamwork | Leadership | Creativity
Communication | AI | Databases & Algorithms | Agile Methodologies
Initiative & Curiosity | Active listener
Quality Management | Fast Learner
CD/CI | Statistical Thinking | Big Data

CERTIFICATES—

• Data Science Foundations
• Applied AI   • Foundations of AI
• Big Data Architecture

LANGUAGES —

• Spanish (Native)
• English (Professional-C1)
• German (Limited-A1/A2)

OTHER —

Private Academy Teacher (4 years)
 Academia Meseta & Superprof
> More than 10 mentored students.
> Primary and Secondary school, High School & University access.
> Support teacher for students with additional difficulties (ASD).

EXPERIENCE

07/2023 – Present
• **Data Scientist** | Mobility Analytics Product Engineer — Nommon Solutions and Technologies
> Use of mobile Big Data and AI to create products that use, describe, or predict population mobility patterns.
> Maintenance and development of company products.
> Led several ad-hoc mobility projects as Project Leader, overseeing client communication, execution, and delivery. Attained 100% customer satisfaction, evidenced by certificates of excellent execution.
> Responsible for the mobility form, in charge of responding to all requests and automating this process to obtain an operating API.
> Coordination and implementation of the "Open Data Mobility" project with the Spanish Ministry of Transport (MITMA). Provided 2 years of crucial anonymized mobility data-products for public sharing. This data is used daily to address various challenges, such as road network design and traffic monitoring, among others.

02/2023 – 07/2023
• **Data Scientist Researcher** | Machine Learning Engineer — Computational Intelligence Group (CIG)
> Project: "Machine Learning Models for Predictive Maintenance in
> Adif Infrastructures". [Improving railway mobility system].
> Predoctoral researcher in anomaly detection.
> Explainable AI project: Bayesian models development.
> Data stream processing. An IIot application in the field of Industry 4.0.

09/2021 – 01/2023
• **Software Developer Engineer** | Full Stack Developer — Blsiona Business Solutions
> Multidisciplinary team, developing and maintaining pharma solutions.
> Developed BI web-apps improving client's commercial performance.
> Solved +150 tickets/bugs and worked in 5 different projects.
> Tender & Accounts process automatization. Migration to MVC.
> Route scheduler & optimization with AI team, Data driven solution.
> Tutorized new 5 interns, tools & methodologies to join the company.

SOFTWARE STACK

> Fluent: Python, QGIS .Net(C#, HTML5, CSS, JavaScript/JQuery), Java, Shapely, Pandas, PL/SQL, GeoPandas, Numpy, Matplotlib, Scikit-learn, Tensorflow, Weka, LaTeX. Parallelization & Processes optimization.

> Some projects: R, Shiny, Scala, HBase, Flink, Spark, SPARQL, C, Hadoop, Angular, Pytorch, Keras, TypeScript, C++, Arduino, RaspberryPi

Check these technologies on my portfolio website!

Verify & More Information at LinkedIn Profile.