

Ignacio Atencia Jiménez

Date of birth: 29/09/2000 | **Nationality:** Spanish | **Phone number:** (+34) 722553944 (Mobile) | **Email address:** ignacioatencia@gmail.com | **LinkedIn:** <https://www.linkedin.com/in/ignacio-atencia/> | **Address:** Spain (Home)

WORK EXPERIENCE

31/01/2025 – CURRENT Málaga, Spain
JR. SOFTWARE SPECIALIST VODAFONE INTELLIGENT SOLUTIONS (VOIS)

15/11/2023 – 15/08/2024 Málaga, Spain
APPLICATION DEVELOPER VODAFONE INTELLIGENT SOLUTIONS (VOIS)

Website development for Unicaja bank.

Responsibilities:

- Front-end applications development using Javascript, HTML and frameworks such as React and Next.js.
- Backend solutions using Node.js and Express.
- Data treatment using Python.
- Data storage using MongoDB.
- Use of Figma UX/UI designs for app development.
- Use of Collaborative platforms (GitHub, GitLab).
- Working with agile method (SCRUM).

Key accomplishments:

- Normalization of excel data using Python.
- Development of an end-to-end solution for a real customer.
- Implementation of an IoT tracking system with interactive visualization of devices on a map.
- Development of a user management system.
- Implementation of a robust multifactor authentication system for increased security.
- Swift launch of the app within 6 months.

PUBLICATIONS

2024
[**Neural Network Ensemble to Detect Dicentric Chromosomes in Metaphase Images**](#)

Key accomplishments

- Innovative application of Neural Network Ensembles in Biological Dosimetry with Python.
- Data manipulation and analysis using Pandas and NumPy.
- Application of morphological filters using OpenCV library.
- Optimization of Medical Diagnostic Processes
- Multidisciplinary Collaboration

Atencia-Jiménez, Ignacio et al. Applied Sciences. 14. 10440. 10.3390

EDUCATION AND TRAINING

01/09/2018 – 01/07/2024 Malaga, Spain
BSC. BIOMEDICAL ENGINEERING University of Málaga

Key accomplishments:

- Data manipulation and application of Machine Learning techniques using Python.
- Implementation of Data Structures and Algorithms applying Object Oriented Programming (OOP) principles, using Java
- Database querying using SQL
- Statistical & Probabilistic Data Analysis using R.
- Linear Algebra
- Comprehension of human biological processes, as well as human anatomy & physiology

Final grade 8.19 out of 10

01/09/2022 – 31/05/2023 Oulu, Finland
ERASMUS+ IN FINLAND University of Oulu

2021
R COURSE IN DATA SCIENCE University of Málaga

2020
DEEP LEARNING COURSE Deep Learning Institute DLI, NVIDIA

01/07/2019 – 01/08/2019 Salisbury, Maryland, United States
LANGUAGE IMMERSION SCHOLARSHIP Salisbury University

● **LANGUAGE SKILLS**

Mother tongue(s): **SPANISH**

Other language(s): **ENGLISH (C1)** | **FRENCH (B1)**

● **DIGITAL SKILLS**

SQL | Node.js, React.js | Microsoft SQL (basic) | MongoDB | Python | Java | R | HTML | CSS | Javascript |
MatLab | GitHub | GitLab | Git | Javascript(Nodejs, ExpressJs)