Ignacio Atencia Jiménez

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

WORK EXPERIENCE

JR. SOFTWARE SPECIALIST – VODAFONE INTELLIGENT SOLUTIONS (VOIS) – 31/01/2025 – Current – MÁLAGA, SPAIN

Responsibilities:

- **Full-Stack and End-to-End** features development using **Angular** (front-end) and **Java Spring** (back-end).
- Collaboration a **high-impact solution** for a leading technology client in **Germany**.
- Work effectively in an **international,** cross-functional **Agile team** (Scrum Masters, QA Testers, Developers), using **English** as the primary working language.
- Active participation in **Agile ceremonies**, including **T**echnical Refinement, Sprint Planning, and Retrospectives.
- Use of Scrum tools such as **Jira** and **Confluence** for backlog management, sprint tracking, and documentation.
- Application of **version control** practices with **Git, Bitbucket, and GitHub**, and management of **CI/CD pipelines** via **Jenkins** for continuous integration and delivery.
- Worked within **GNU/Linux** virtualized environments for development, testing, and deployment.

Key Accomplishments:

- Led **Daily Stand-Up** meetings.
- Implemented and maintained automated tests with **Cypress** and **Storybook**.
- Designed, documented, and maintained **reusable UI components** with **Storybook**, strengthening the project's **Style Guide** and design consistency.
- Proactively identified and **resolved critical bugs**, contributing to a more stable and maintainable codebase.

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

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**.
- Object Detection and Localization using **YOLO**
- 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

MASTER BIG DATA, DATA SCIENCE & ARTIFICIAL INTELLIGENCE Complutense University of Madrid

• Development of Machine Learning models in Python (**Scikit-learn, Pandas, NumPy**) to solve business problems and optimize decision-making processes. Use of Scikit-learn **Pipelines** and **ColumnTransformer**
• Selection, validation, and adjustment of predictive models, applying **Cross-Validation** and **Grid Search** techniques and evaluating performance metrics.
• Creation of interactive **Business Intelligence** dashboards with Tableau for the visualization of KPIs and analytical results.
• Development of Deep Learning models with **TensorFlow** and **Keras**, applying architectures such as **CNNs** and **RNNs** (LSTM/GRU).
• Application of **NLP** (Natural Language Processing) techniques with Hugging Face Transformers, BERT, and NLTK.
• Use of **Transfer Learning** and **Fine-Tuning** in pre-trained models to optimize performance in text and image tasks

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**.
- **Calculus** & **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)**

SKILLS

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