

Irene Clemente Aracil

Multimedia Engineer, She/Her

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in [LinkedIn profile](#)

EXPERIENCE

Embention. Alicante, Spain

Mar 2021 - Jun 2024

Software Engineer, Full time

Oct 2021 - Jun 2024

- Major role in the creation, development and maintenance of 12 aeronautic apps in Java during a critical turning point in the company's transition to a new ecosystem.
- Reworking and fixing the Java legacy code. Creating and redesigning interfaces to improve the overall visual coherence and flow of the applications.
- Managing sensitive user data. Creating, fixing, and migrating between XML schemas to ensure our users' saved data is secure while updating to the latest releases.
- Worked with TypeScript and Angular in our new web app *Veronte Ops*. Developed new cartographic tools used to visually design UAVs' flight plans, taking into account suggestions from users and corporate clients.
- Working closely with several multidisciplinary departments, such as firmware and avionics, in order to rapidly introduce new features and overcome deadlocks.

Software Engineer, Internship

Mar 2021 - Oct 2021

- Identify, debug and resolve UX issues, focusing on functional, layout and design issues using Java, JavaFX and CSS.

EDUCATION

University of Alicante, Bachelor's degree in Multimedia Engineering

2016 - 2021

This program combines Computer Science with concepts of Graphic Design, focusing on Web Development, UI/UX design, Computer Graphics engines and Game Development.

PROJECTS

Bachelor's Degree Thesis, 3D immersive cultural experience

The environment is based on the City of Arts and Sciences complex in Valencia, Spain. In it, the user can walk around and admire the other architectural structures while interacting with several points of information about the complex, all from their web browser or desktop.

ABOUT ME

Hi! I'm Irene, an engineer from Spain with over +3 years of experience working in this field.

I have a great interest in building multi-platform GUIs to plot graphical data, such as 3D tools and maps.

SKILLS AND TOOLS

Java / JavaFX

React / Angular / JavaScript /
Typescript

XML / HTML / CSS / Tailwind

SQL / OOP / ECS

Git / SmartGit / GitHub Desktop

IntelliJ / VSCode

Agile / Project Management

ACHIEVEMENTS

University Honors in Statistics and Computer Graphics subjects

LANGUAGES

Spanish - Native

English