



## PROFILE

**Multimedia Engineer.**  
Computer graphics and Virtual Reality as main fields of interest.

I consider myself a responsible and a creative person; with solving capacity, willingness to learn and motivated for new challenges. I feel passion for technology, research and innovation.

## LANGUAGES

**Catalan** (native)

**Spanish** (native)

**English** (high)

## COMPETENCIES

Solving capacity

Creativity

Responsibility

Organization

Team working

Proactivity

# ARTUR MARTÍ GELONCH

 <https://www.linkedin.com/in/artur-marti>

 +34 608720698

 arturmarti12@gmail.com

 Barcelona

 Driving license, car

 <https://cins12.github.io>

## EDUCATION

**2022** **VR and AR course of the Master in Innovation and Research in Informatics**  
*Universitat Politècnica de Catalunya, FIB, Barcelona.*

**2017-2021** **Multimedia Engineering**  
*La Salle, Universitat Ramon Llull, Barcelona.*

**2015- 2016** **Biotechnology (first course) •URV, Tarragona.**

## UNIVERSITY'S MOST HIGHLIGHTED PROJECTS

**Object oriented programming:** Java, C++ environments, team projects.

**Web development:** e-commerce project.

Backend: virtual environment vagrant, language PHP, JavaScript and SQL.

Frontend: JavaScript, HTML5 and CSS.

**Databases:** SQL development (MySQL, PhpMyAdmin, etc.)

BBDD designing and programming.

Safety: statements and SQL injection.

**Design and usability:** User Experience.

Product and interface's design (UIs).

Usability tests.

**Virtual Reality:** upper extremities exercises for rehabilitation patients.

Virtual scene and monitored exercises.

Environment design, software programming and asset modelling.

Unity and Unreal Engine 4.

## EXPERIENCE

**2022** **Fira Barcelona, Arpo. Barcelona**  
IT Technician. Mobile World Congress.

- LANs configuration and checking.
- Computer technician during the event.
- TCP / UDP protocols
- IEEE 802.11 b/g/n/ac protocols
- IP, IP Subnet Mask, etc.
- Computer technician during the event.

**2021** **NTT Data (Everis). Barcelona**  
Internship. Area of Digital Experience.  
  
Graphics Developer  
Web Developer.

## TECHNICAL SKILLS

## Programming languages

# Databases

## Local Area Networks

## Usability (UX)

## 3D computer graphics

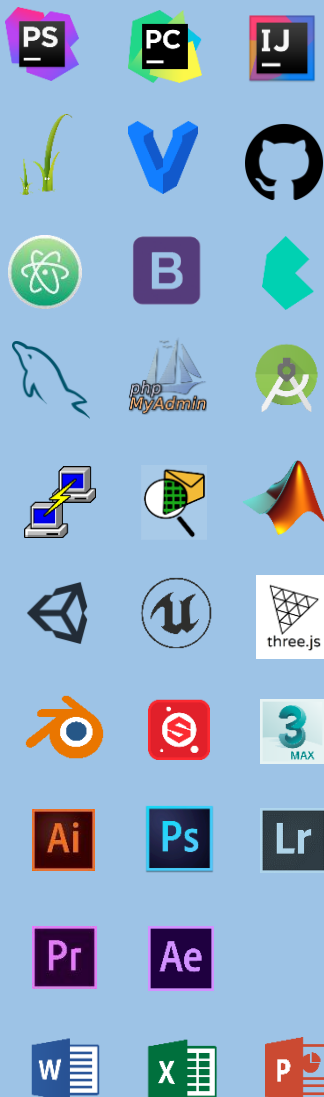
## 3D design and modelling

## Animation

## Digital image processing

## Audio signal processing

## TOOLS



## Computer Graphics on the web. Improving user's 3D experience through web browsers:

- Babylonjs engine with TypeScript (WebGL).
- Integration with React library.
- Adobe Experience Manager frameworks.
- VR and AR implementation by using WebXR

2019-2021 **La Salle URL.** *Barcelona*

Research Internship. Engineering department.

## Functions

- Research in digital image's processing.
- Programming algorithms about processing pressure injuries images.
- Designing and programming the logics and the user interface.
- Working environment: Python.

2020 **Fira Barcelona, Arpo.** *Barcelona*

IT Technician. Mobile World Congress.

- LANs configuration and checking.
- 2 weeks of experience despite the event's cancellation.

2016-2019 Combining studying with working:

## FCBarcelona, Randstad. *Barcelona*

- Access control steward • 2018-19.

**Costa Dorada Logistik GmbH. Berlin**

- Warehouse assistant • Summer 2017.

**La Boella, Grupo Reside. Tarragona**

- Waiter • 2016-17.

## COMPLEMENTARY EDUCATION

- Certificate in Advanced English (C1) • *Barcelona*, 2020.
- CISCO CCNA 1, Routing & Switching • La Salle URL, *Barcelona*. 2020.
- First certificate in English (B2) • *Reus*. 2014.

## OTHERS

## Fond of Virtual Reality

Developer of environments and virtual experiences; small sized VR projects.

## Game Jam from itch.io

Role: artist. The goal was to make a game to be played by only using 2 buttons.

<https://jroig24.itch.io/planext> • 2020

## Interested in Data Science

I voluntarily took part in a research project with the *Universitat Rovira i Virgili* (Reus and Tarragona), about data management and processing from NMR spectra • 2020-2021.

## Volunteering in *Parc Sanitari Sant Joan de Déu* (Sant Boi) • 2018-2019

Course about basic computer science's skills to mental health patients.

## Volunteering in *Banc dels Aliments*, Reus and Tarragona • 2014-2019

Member of the **Scout Group AEG Ben Enllà** (Reus). As an **instructor** the last two years • 2010-2016.