

Laura Magdaleno Amaro

Software developer; XR, 3D, Web

laumagg.github.io

linkedin.com/in/laura-mag-amaro/

Education

University of Applied Sciences Berlin

Berlin, Oct 2022 - expected Sep 2025

Master of Applied Computer Science
(Visual Computing)

University of Applied Sciences Berlin

Berlin, Oct 2019 - Oct 2022

B.Sc. Environmental Computing

Tech Stack

XR

Unity 3D
C#
.NET
ARCore
ARFoundation
Vuforia
XR Int. Toolkit
Oculus Int. SDK
MRTK
Netcode
Mirror
PlayMaker FSM
VFX Graph
Blender

Web

HTML
CSS
JavaScript
Jekyll
Flask
Django
WordPress

Others
Python
C++
Java
SQL databases
GIS
LaTeX
Git (-Hub, -Lab)

Languages

Mother tongues

Spanish
Catalan

Other languages

German (C1)
English (B2)
Italian (B2)

Personality

Soft skills

Reliability
Analytical thinking
Open to criticism
Teamwork

Interests

Digital art
Sustainability
Artificial Intelligence

Experience

Graduate Research Assistant

Berlin, Sep 2023 - Now

Fraunhofer Heinrich-Hertz-Institute, Berlin
Visual and Imaging Department

- Development of a VR project for 3D live streaming of events with Unity
- 3D object insertion in 360 video, scripting in C#

Augmented Reality Developer

Berlin, Jul 2023 - Aug 2023

ZAUBAR UG, Berlin

- Development of an interactive AR minigame for Android and iOS with Unity
- Scripting in C#, custom packages creation for Unity

Graduate Research Assistant

Berlin, Dec 2022 - Jun 2023

in the project *XR_Unites* of the research group INKA
(University of Applied Sciences Berlin)

- Development of a VR application in the cultural sector with Unity
- Scripting in C#, visual programming with FSMs
- Maintenance of the *XR_Unites* website (WordPress)

Undergrad Research Assistant

Berlin, Feb 2022 - May 2022

in the project *XR_Unites* of the research group INKA
(University of Applied Sciences Berlin)

- Development of a MR- and a VR-application in the cultural sector with Unity
- Scripting in C#, visual programming with FSMs
- Development and maintenance of the *XR_Unites* website with WordPress

Other Projects

DIKE 2023

Kuching, Malaysia; March 2023

Weaving Dreams, an AR game for Android
Unity, C#, ARCore

Development of an interactive AR display of the Berlin Air Quality Monitoring Network data

Berlin, Apr 2022 - Sep 2022

3D data visualization with AR

AR-Luft, prototype of the bachelor thesis

Unity, C#, AR Foundation, MapBox, API, Blender