

## Cristian Gómez Portes

Calle Ermita, nº4, bajo C  
Horcajo de los Montes,  
Ciudad Real 13110

Cristian.Gomez2@alu.uclm.es  
tel1: 638938702  
tel2: 926775462

### Research interests

My research topics cover Visualization of Programs and Algorithms, the use of Augmented Reality techniques and 3D graphics. Besides that, I am interested in subfields related to Machine Learning such as Natural Language Understanding, Speech Recognition and Computer Vision, among others.

### Education

*Bachelor of Science*, Computer Engineering

University College of Computer Engineering, Ciudad Real, Spain

July 2018

FDP: Graphical representation generator system for the visualization of programs and algorithms using Mixed-Reality.

### Professional experience

*Microsoft HoloLens Developer*

July – February, 2017 – 2018

Furious Koalas Interactive S.L, Ciudad Real, Spain

- Developed the process of scanning and mapping the environment to detect tables as main part of the video game. This project was performed to teach children programming using the Windows mixed-reality device, Microsoft HoloLens. My participation of this project was thanks to the *Telefónica Talentum* scholarship.

### Significant projects

**ARmov:** A mixed-reality video game which was developed using *Unity*, a video game engine and *Microsoft HoloLens*, a holographic computer that allows to interact with holograms in the real world. It intends to teach children the basic aspects about programming resolving levels that increase their difficulty towards the progress of the video game.

### Workshops

*3D design and modelling*

November – January, 2018 – 2019

Public library, Ciudad Real, Spain

- Teaching of the Blender tool covering aspects from modelling, textures, materials and animations to illumination and integration with real image.

## **Certifications**

- Preliminary English Test, Cambridge Language Assessment, 2016.
- First English Test, Cambridge Language Assessment, 2018.

## **Scholarships**

- Scholarship from Ministry of Education, Culture and Sport.