

# IAGO CALVO LISTA

Horsham RH12 2PD, United Kingdom

iagocltrabajo@gmail.com

## WORK EXPERIENCE

---

**Creative Assembly (SEGA), Horsham, UK**

**Gameplay Programmer.**

*2020 - Present*

Work as part of the **Total War Fantasy** and **DLC** team.

Promoted from Trainee Gameplay Programmer and Associate Gameplay Programmer.

C++ work with strong emphasis in profiling, optimization and improving debugging.

**King Juan Carlos University, Madrid, Spain**

**Research Support Staff/C++ Programmer.**

*2017 - 2019*

European project funded by the *Human Brain Project (HBP)* and *Cajal Blue Brain*.

Working inside the **Group of Modeling and Virtual Reality (GMRV)**.

Development and optimization of data-science visualization applications like NeuroScheme.

## EDUCATION

---

**MSc in High-Performance Computing with Data Science**

*2019 - 2020*

*University of Edinburgh, Scotland, United Kingdom.*

Selected for the **ISC - SCC (2020)** as part of TeamEPPC, 5<sup>th</sup> overall position.

Strong emphasis on parallelism, concurrency, IO and low level optimisations.

**Dual degree in Game Design and Development and Computer Engineering**

*2015 - 2019*

*Universidad Rey Juan Carlos (King Juan Carlos University), Madrid, Spain.*

GPA: 8.02 / 10.00 (B+). Equivalent to two 2:1 BSc honours degree.

Strong emphasis on computer hardware and networking.

## TECHNICAL SKILLS

---

<b>Programming</b>	C, C++, Java, C#, JavaScript, Python, Fortran
<b>Specialties</b>	Parallelism, Multithreading, Concurrency, IO
<b>Libraries/APIs</b>	CUDA, Qt5, Boost, MPI, OpenMP, Android
<b>Deployment</b>	Unit testing, Jenkins, MSBuild, <b>Cmake</b> , <b>make</b> , <b>CI</b> , Docker, AWS
<b>Databases</b>	MySQL, SQLite, MongoDB, BaseX, Cassandra
<b>Games</b>	Unreal Engine 4, Unity 5, Graphics(OpenGL, GLSL, Vulkan)
<b>Web</b>	HTML5, CSS, Spring, PHP
<b>Other</b>	<b>Git</b> , SCRUM, Agile, Adobe Photoshop, 3Ds Max, Blender

Please visit: <https://iagocl.github.io/portfolio> for more information and see my personal projects.

## LANGUAGES

---

**SPANISH:** Native speaker.

**ENGLISH:** Fluent speaker.

**IELTS Academic**

C1

*May 2019*

**Cambridge Proficiency exam (CPE)**

C1

*June 2017*

## EXTRA-CURRICULAR

---

**Music Elementary Degree (Piano):** Center of Musical Studies M. Peleteiro, Santiago de Compostela, Spain