



# Jorge Vega

[github.com/rattata2me](https://github.com/rattata2me)

[jorgevegarias1@gmail.com](mailto:jorgevegarias1@gmail.com) [+34 684108610](tel:+34684108610)

## EDUCATION

**Universidad Rey Juan Carlos (URJC),** (December 06, 2019 - ongoing  
December 06, 2024)

Mathematics + Software Engineering, Science and Computer Science

<https://www.urjc.es>

## VOLUNTEER EXPERIENCE

### COSMOS

Software Engineering Support  
Participation in COSMOS an aeronautics and space engineering student organization.

<https://cosmos.etsit.urjc.es/>

## SOFTWARE ENGINEERING SKILLS

### Machine Learning

Basic Knowledge

### Git, Gradle, CMake, MakeFiles

Basic Knowledge

### GLSL, OpenCV

Basic Knowledge

### SQL

Intermediate Knowledge

### C, C++, C#, R, Matlab, PASCAL, Assembly MIPS

Intermediate Knowledge

### LaTeX, Jupyter, Inkscape

Intermediate Knowledge

### Linux and Windows

Intermediate Knowledge

### OpenGL, libSDL, Blender, libGDX

Intermediate Knowledge

### Html, CSS, Js, Bootstrap, Android SDK 8

Intermediate Knowledge

### UML, OOP

Intermediate Knowledge

### Java, Python

Proficient Knowledge

## OTHER SKILLS

### 3D Printers, Marlin, GCODE

Basic/Intermediate Knowledge

### KiCAD, AutoCAD, FreeCAD, SPICE

Basic/Intermediate Knowledge

### Experience working with electronics and MCUs, dsPIC33 and atmega

Basic/Intermediate Knowledge

### Mathematics

Intermediate/Proficient Knowledge

## PROJECTS

### Independent Video Game publication

Development of an Indie Game  
Development of an Indie Game presented at Spanish National games fair Madrid Gaming Experience 2016

<https://www.rtve.es/play/videos/zoom-net/zoom-net-indies-madrid-gaming-experience-moto-z-motomods-dishonored-2/3787708/>

### Programmable Graphing Calculator

Independent Development of a graphing calculator.  
<https://github.com/rattata2me/cuddly-calculator>

## INTERESTS

Problem Solving, Abstract Maths, Logic and Philosophy

Music and Graphic Arts, guitar player, hobbyist filmmaker, cooking, travelling and learning from different cultures

## LANGUAGES

### Spanish

Native

### English

Fluent

## AWARDS

### 2nd Place

INE (July 03, 2019)  
Spanish Olympiad in Statistics 2019/2019

<https://www.ine.es/>

### Top 10 place out of 32

Eurostat (June 06, 2019)  
European Statistics Competition 2018

<https://ec.europa.eu/eurostat>