



# Jorge Vega

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🌐 <https://jvega.xyz/>  
🔗 [github.com/rattata2me](https://github.com/rattata2me)

## 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

Intermediate Knowledge

### Git, Gradle, CMake, MakeFiles

Basic Knowledge

### GLSL, OpenCV, VR

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 multi platform  
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

Machine Learning, 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  
Spanish Olympiad in Statistics 2018/2019  
🔗 <https://www.ine.es/>

### 6th place out of 32

Eurostat  
European Statistics Competition 2018  
🔗 <https://ec.europa.eu/eurostat>