

# Daniel Alejandro Rodríguez López

## Backend engineer

Graduate in Computer Science. Interested in Open Source, Computer Graphics, and Videogames. Always trying to learn new things.

✉ dan.rodriguezlopez@pm.me

📍 Madrid, Spain

📄 patataman.github.io

🐙 github.com/patataman

## WORK EXPERIENCE

### AI Fullstack Engineer

Shazura [↗](#)

08/2018 - Present

Madrid

Start-Up developing a new method for image recognition. Ahead of Google or Facebook

#### Achievements/Tasks

- Upgrade and maintain legacy code.
- Develop new core functionalities and create from scratch new demos and applications.
- Optimise and redesing the architecture to increase processing speed by 100%.

### Intern - Technical Sales

International Business Machines - IBM [↗](#)

10/2017 - 08/2018

Madrid

#### Achievements/Tasks

- Develop demos for clients and participation in projects related with Watson services and Internet of Things.
- Develop a coin detector using RaspberryPi and Watson. [↗](#)
- Develop a visual recognition solution using drones and an Android application.
- Give an introduction workshop to Python ([presentation](#))

Contact: Juan Avilés - [juan\\_av@es.ibm.com](mailto:juan_av@es.ibm.com)

## EDUCATION

### Master in Informatics Engineering

Universidad Carlos III de Madrid [↗](#)

09/2020 - Present

GPA 8.4/10

#### Courses

- Honors in: High Performance Computing, Massive and Linked Data

### Bachelor in Computer Science and Engineering

Universidad Carlos III de Madrid [↗](#)

09/2013 - 07/2017

GPA: 7,96/10

#### Achievements

- Focused in Artificial Intelligence
- [Bachelor Thesis: Development intelligent behaviors in StarCraft: Brood War](#)
- Honors in: Programming, Algorithms and data structures and Computer graphics

## HARD AND SOFT SKILLS

Python C C++ Java

GNU/Unix Environment

Patience

Adaptability

Teamwork

Creativity

Vim

Git

Django

Flask

Nginx

AWS

OpenCV

Numpy

SWIG

Jack of all trades, master of none

## PROJECTS AND ACTIVITIES

PicoVolume (03/2022) [↗](#)

- External media buttons for a keyboard to up/down volume and change audio device.

Member of the GUL UC3M (09/2015 - Present) [↗](#)

- President since 2020.
- Organizer/Creator of the "[GUL Jamón](#)" series of events and activities focused on FOSS videogames.
- Speaker in mutple talks, such as "Introduction to Python", "Introduction to Git" or "Assembling your computer"

## LANGUAGES

Spanish



English



Japanese



## PERSONAL INTERESTS

Dogs

Basketball

Videogames

Open Source

Reading

Did I say dogs?

Make buns

Amateur baker