

JAVIER GATÓN HERGUEDAS

Software Engineer

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🔗 javgat.github.io

🔄 javgat

in javier-gaton-herguedas

Experienced with:

Java

C

Angular

Ionic

Go

Typescript

Python

Qt

SQL

UML

WORK EXPERIENCE

Research Assistant

University of Valladolid - Grupo de Óptica Atmosférica (GOA-UVa)

📅 Enero 2022 - Actualidad

📍 Valladolid

- Creation of **Python** libraries for a lunar photometer model and a lunar irradiance model, and the design of a desktop application using the aforementioned libraries, using **Qt**.
- Everything within the context of the collaboration with a European Space Agency (ESA) project.

Junior Software Engineer

HP SCDS

📅 July 2021 - Present

📍 León

- Current Product Support Engineer of HP Click, using **Typescript**, **Angular** and **C++**.

Research Intern

University of Valladolid - Grupo de Óptica Atmosférica (GOA-UVa)

📅 February 2021 - May 2021

📍 Valladolid

- Treatment of data from NASA's AERONET (AErosol RObotic NETwork) photometers.
- Reading binary data and creating MySQL queries using **C**.

EDUCATION

Bachelor's Degree in Computer Engineering – Software Engineering (240 ECTS)

University of Valladolid – Escuela de Ingeniería Informática de Valladolid

📅 September 2017 – July 2021

📍 Valladolid

- GPA: 8.36/10
- Finished 7 subjects with Honours.
- Student representative and member of the Board of Studies for two academic years (2019/20 & 2020/21).

Technician of Professional Music Education – Instrument: Piano

Valladolid Conservatory (Conservatorio Profesional de Música de Valladolid)

📅 September 2011 – June 2018

📍 Valladolid

- GPA: 8.29/10
- Studied in the Conservatory while at high school, helping me improve my skills at self-organizing.

CERTIFICATES

First Certificate in English (FCE) - English B2

📅 2016

OTHER EXPERIENCE

Teaching, tutoring, student groups and coding competitions

- Mentor of first-year students at the 2018 and 2019 University of Valladolid Programming Gymkhanas.
 - Taught workshops and courses like the [Linux Console workshop 2019](#) or the [introductory and intermediate C courses at Hour of Code 2020](#) at University of Valladolid.
 - Member of the directive committee of the first regional olympiad in informatics, [OICyL 2021](#).
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Projects

- [javgat.github.io](#): Simple webpage where I publish all my projects. A lot of them aren't in this list in order to avoid it being too long.
- I developed an Undergraduate Thesis Project with HP SCDS for HP's Observatory: [DevTest, tool for programming knowledge evaluation](#). A fullstack web-application made with **Swagger**, **Golang**, **Angular** and **MariaDB**, following **SCRUM**. Ended up as a [finalist](#) for best Undergraduate Thesis Project with HP SCDS.
- [juggger-torneo](#). A mobile app designed for the management of *juggger* tournaments, following the Swiss System. Made with **Angular** and **ionic**, designed for **Android**.
- [Overflow-synth](#): An Open-Source noise synthesizer in **java** teaching myself functionalities of the `javax.sound.sampled` package.

ABOUT MYSELF

Fluent in English and Spanish.

In my free time, when I'm not coding, I make 8-bit tunes and play the piano.

I consider myself a good communicator, and I greatly enjoy speaking in front of a crowd.