JAVIER GATÓN HERGUEDAS

Software Engineer

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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 the LIME Toolbox, a desktop application for the simulation of lunar observations from Earth. This application is part of European Space Agency's project "Improving the Lunar Irradiance Model of ESA".
- Developed packages and desktop applications with **Python** and **Qt**.

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.

Projects

- 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.
- jugger-torneo. A mobile app designed for the management of *jugger* 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.
- All my projects can be found at javgat.github.io/projects. A lot of them aren't in this list in order to avoid it being too long.

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.