



ALEJANDRO PASCUAL POZO

Computer Science student

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Presentation

I am currently looking for opportunities that allow me to broaden my knowledge and perspective of computer science. I would love to work in a company that develops its own projects, in control of its own requisites, tools and methodologies.



Competitive programming

-  **Ada Byron - Face-to-face**
Teams of three, each qualified from the local phases of one of the six public universities in Madrid. Initial raw base of over 120 teams, split in three categories. **3rd** (2018) and **1st** (2019).
-  **Las 12 Uvas - Online**
Individual. Over 125 participants from spanish universities. Three categories. **2nd** (2018) and **3rd** (2019).


Spaniards to Silicon Valley

I was one the 13 students selected from around 250 applicants for this six-week program. I had a Microsoft engineer as my personal mentor.



Professional experience

-  **Internship in Twilio (from June 2020 to August 2020)**
Created a load testing environment to analyse and better understand the performance of gRPC. It allowed to measure the individual impact of a number of configuration parameters as well as environment characteristics. This made it possible to determine if gRPC was an adequate technology given the requirements of the project. I also implemented solutions to avoid bottlenecks and improve performance, based on the information gathered from the reports that the tests automatically generated.
-  **Internship in Autentia Real Business Solutions (from July 2019 to September 2019)**
Upgraded the internal tools, creating better ways of visualizing the work of the company and its employees. Contributed knowledge with research of Express and Node JS backends.

Education

-  **Bachelor in Computer Science (concludes in 2021)**
Currently in my 3rd year at Universidad Autónoma de Madrid with an average grade of 8.6 (0-10). Obtained the Excellence Scholarship of the Comunidad de Madrid in both years.




Languages

-  **Spanish - Native**
-  **English - C1**
Cambridge official certificate (2016)
TOEFL iBT - 107 (2019)

Technical knowledge

I have mainly coded in Java and C and I have experience with other tools such as Python, TypeScript, SQL, Git, Docker, Jenkins, AWS, gRPC, Rest APIs and Angular.

Personal initiatives

-  **Online courses - Web app**
Angular frontend and two RESTful APIs done with Spring (Java) and Express (TS).
-  **Maze playground - Web/Desktop app**
Originally in Java and Swing. Also as web app in TS, more interactive and accessible.
-  **Game mechanics - Unity/Gotot projects**
Ideas and prototypes in a game engine.