

Isaac Lacort Magán

Junior Software Developer

Undergraduate student of Mathematics and Computer Science with five months of professional experience looking for a job as a Software Developer.

Personal Info

Address

C/ Cenicienta, 8, portal C, 3ºD
28018 Madrid

Phone

622 700 374

E-mail

isaaclacort@gmail.com

LinkedIn

[linkedin.com/in/isaac-lacort](https://www.linkedin.com/in/isaac-lacort)

Skills

Abstract Thinking

Attention to Detail

Teamwork

Software

Git	<div><div></div><div></div><div></div><div></div><div></div></div> <div>good</div>
Linux/Unix	<div><div></div><div></div><div></div><div></div><div></div></div> <div>good</div>
Eclipse	<div><div></div><div></div><div></div><div></div><div></div></div> <div>good</div>
Android Studio	<div><div></div><div></div><div></div><div></div><div></div></div> <div>familiar</div>
Docker	<div><div></div><div></div><div></div><div></div><div></div></div> <div>basic</div>

Programming

Java	<div><div></div><div></div><div></div><div></div><div></div></div> <div>very good</div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div> <div>familiar</div>
C	<div><div></div><div></div><div></div><div></div><div></div></div> <div>basic</div>
Haskell	<div><div></div><div></div><div></div><div></div><div></div></div> <div>basic</div>

Languages

Spanish	<div><div></div><div></div><div></div><div></div><div></div></div> <div>native</div>
English	<div><div></div><div></div><div></div><div></div><div></div></div> <div>intermediate</div>

Experience

Android App Developer

2019 **Colaboration Internship UPM** (3 months)

I developed DynApp, an Android application for the analysis of structures stability. In order to do so it analyzes the data collected by the accelerometer of the smartphone. My job consisted on the development of the entire app and the contribution to the deployment of numerous analysis algorithms, such as an interpolation algorithm or one that calculates the root mean square acceleration (G_{RMS}).

Software Developer

2019 **Summer Internship GMV** (2 months)

Project P3-NEO-XII. Development of the file subsystem of satellite images for the installation in a telescope in an extreme environment. My job consisted on separating the archiving subsystem in different modules, one for the program and three for the tools that it used, Apache Tomcat, PostgreSQL and RabbitMQ. I created a container for each module and connected the program's container with each container.

Education

2016-now **Degree in Mathematics and Computer Science, Universidad Politécnica de Madrid**
92.5% ECTS passed.
21.25% ECTS passed cum laude.
Average grade: 8.34

2018 **Workshop SAMSUNG-UPM (100 hours): Introduction to Android App Development**
We were introduced to basic app development and Android Studio Environment. I learnt about the Android app lifecycle, app elements such as activities, manifest and gradle scripts; services, SQLite and basic material design elements like listview, recycler view, menu and toolbar among others.

2018 **Workshop SAMSUNG-UPM (75 hours): Android's Advanced Development**
We implemented applications that used web services. To do so we were introduced to the libraries OkHttp, Retrofit, Volley and Picasso.

Interests

Computational Topology applied to clustering techniques.

Functional Programming

Software Development

Formal methods and critical systems