# 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

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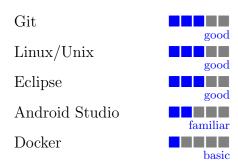
#### LinkedIn

linkedin.com/in/isaac-lacort

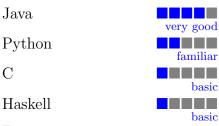
# Skills

Abstract Thinking Attention to Detail Teamwork

## Software



# **Programming**



### Languages



# 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 satelite 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, recicler 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