






# IGNACIO SALINAS

COMPUTER SCIENCE ENGINEER  
DATA SCIENCE MASTER STUDENT

## PROFILE

Extensive knowledge of C/C++, Java and Python, with solid skills for collection, analysis and management of data. I am very used to work under pressure and meet deadlines. Flexible and highly adaptable for teamwork and collaborative projects. I am a very detailed and imaginative person not only at work but also in my personal technical projects. When something does not work as expected, I have experience, and success so far, in finding innovative and out of the box solutions which solve the problem.

## PRO SKILLS

C, C++, PYTHON   
JAVA, SQL, R, MACHINE LEARNING, AWS,  
DATA SCIENCE   
OTHERS (ASSEMBLER, HTML, CSS, ANDROID  
STUDIO, ETC.) 

## PERSONAL SKILLS

- QUICK LEARNING CAPACITY
- GREAT WORK CAPACITY
- TRUSTWORTHY
- GOOD TEAM PLAYER
- RESPONSABILITY

## LANGUAGE

- SPANISH (MOTHER TONGUE)
- ENGLISH

## INTERESTS

DATA MINING  
TRAVELING  
ANIMALS  
IOT  
FOOTBALL  
SOCIAL MEDIA  
SURFING  
CYCLING

MADRID, SPAIN +34 648 618 010 IGNACIO.SALINAS@ESTUDIANTE.UAM.ES

## WORK EXPERIENCE

SOFTWARE ENGINEER &  
DATA SCIENTIST  
MAY 2021 - PRESENT

SOFTWARE ENGINEER  
SEPT 2019 - MAY 2021

### PLENOPTIKA EUROPE

Development of a cloud machine learning engine to predict refractive errors using Python and AWS.

### MEDIC, WWW.MEDICUAM.COM

Developed a calibration system for a visual simulation device (SimVis, www.2eyesvision.com) using C++. The project includes both software (bluetooth, image processing and low-level camera control modules) and hardware (design of different parts of the system, build the calibration cradle, etc.).

## EDUCATION

DATA SCIENCE MASTER  
SEP 2020 - PRESENT

COMPUTER SCIENCES DEGREE  
SEP 2016 - JUN 2020

BACCALAUREATE - SCIENCES &  
TECHNOLOGY  
SEP 2014 - JUN 2016

FIRST CERTIFICATE IN ENGLISH -  
LEVEL B2  
MARCH 2016

### AUTONOMOUS UNIVERSITY OF MADRID (UAM)

AUTONOMOUS UNIVERSITY OF MADRID (UAM)  
Average mark: 8.94/10.

I.E.S MARÍA DE CÓRDOBA, LAS NAVAS DEL MARQUÉS (ÁVILA)  
Average mark: 9.35/10.

ACADEMIA DE IDIOMAS LAS NAVAS, LAS NAVAS DEL MARQUÉS  
(ÁVILA)

## AWARDS

INCLUDED IN THE 2021  
SEDEA RANKING  
OCTOBER 2021

FINALIST UNIVERSITYHACK  
DATATHON 2021  
MARCH 2021

X2 BEST E.P.S. BACHELOR THESIS  
SEPT 2020 AND FEB 2021

X3 EXCELLENCE SCHOLARSHIP  
JAN 2020, 2019, 2018

TOP 5 BEST FIRST YEAR STUDENTS  
SEPTEMBER 2018

### SEDEA, WWW.SEDEA.ES

The Spanish Society of Academic Excellence (SEDEA) is a national entity whose main mission is to identify and accredit the best graduates in the country.

### CAJAMAR, WWW.CAJAMARDATALAB.COM

5th place. Cajamar Universityhack is the largest data analytics competition in Spain.

EVERIS (WWW.EVERIS.COM) AND DELOITTE (WWW.DELOITTE.COM)  
Chosen between all the bachelor thesis of the academic year 2019/2020.

### COMMUNITY OF MADRID

Excellence scholarship granted to the best students of the academic year in Madrid.

### AUTONOMOUS UNIVERSITY OF MADRID

Award granted to the 5 best students of the first course of Computer Science Engineering.

## PROJECTS

MY SMART HOME + VIRTUAL  
ASSISTANT  
ABOUT TO START

MY SMART HOME  
JAN 2018 - PRESENT

AGRO ANALYSIS  
FEB 2021 - MARCH 2021

MECHANICAL ARM  
APR 2020 - MAY 2020

### ADD A VIRTUAL ASSISTANT TO MY 'SMART HOME' PROJECT

Add the possibility to control 'My smart home' from a virtual assistant such as Google home or Amazon Alexa.

### BASED ON TELEGRAM + RASPBERRY PI

Used python to create a domotic system for a single-family house. *To see more, press the play button.*

### CHALLENGE CAJAMAR AGRO ANALYSIS

Used python to make an analysis of the Spanish market during the pandemic. *Click the link!*

### UNIVERSITY PROJECT

Used C++ and an arduino to create a mechanical arm. *To see more, press the play button.*

## REFERENCES

DR. EDUARDO LAGE NEGRO  
PROFESSOR AND SCIENTIST AT UAM.

Phone: +34 636 355 443  
Email: eduardo.lage@uam.es

CARLOS S. HERNÁNDEZ TORRES  
DIRECTOR OF ENGINEERING AT PLENOPTIKA.  
EYE HEALTH HERO INNOVATOR 2020 BY IAPB.

Phone: +34 691 729 094  
Email: carlos@plenoptika.com