

SARA BEJARANO

EDUCATION

LOS ANDES UNIVERSITY | COLOMBIA

Computer science major and Music |
August 2016- July 2021 (Expected)

- GPA: 4,5 / 5
- 95% academic scholarship (QEE) recipient

ITESM GUADALAJARA | MEXICO

Computer science exchange student|
August 2019- December 2019

- Full academic scholarship "Líderes del mañana"

LOS ANDES UNIVERSITY | COLOMBIA

Youth music program|
2011-2014

- Represented Los Andes at the Javeriana University music festival

VOLUNTEER

Panelist at the 14th STEM Career Forum

29th February 2020

Women for Colombia Foundation

Great event held in order to motivate female high school students to study STEM careers. It took place in a public school in Bogotá. It was attended by 700 female high school students and almost 172 panelists, moderators and workshop leaders.

AWARDS

QEE university scholarship |2016

Only 5.6% of Los Andes students are recipients

2nd Place MegaCrew Division |2015

HipHop International Colombia

1st Place in Piano Contest |2014

Universidad de los Andes

SKILLS

Java (4 yrs)

Python (2 yr)

SQL (2 yrs)

JavaScript (6 months)

HTML/CSS (1 yr)

AWS EC2 (1 yr)

CONTACT

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EXPERIENCE

GURUH

FOUNDER

February 2020- Present

Platform to support young people in their decision making process about their university career, seeking to open up more and better opportunities for young people.

- Led and developed along with a group of 6 developers.
- GurUh was the winning project of "LaMuestra" in the academic and popular category out of 90 projects of the engineering faculty.

CORNELL UNIVERSITY | ITHACA, NY, USA

RESEARCH INTERN IN HUMAN-ROBOT C2 LAB

Blossom Project and ShadowSense Project |

June 2019- August 2019

- Main developer in the Blossom project: handcrafted soft social robots.
 - Maintained the web and mobile app made in **React**
 - Maintained and updated the robots code from **Python 2.7** to **Python 3.6**.
- Developer in the ShadowSense project: a new way of interaction between humans and robots through shadow image recognition.
 - Developed a **CNN** for shadow gestures recognition using **Pytorch pre-trained models (transfer learning)**.
- Co-author of ShadowSense article on review for IMWUT 2020 conference .

LOS ANDES UNIVERSITY| BOGOTA, COLOMBIA

RESEARCH ASSISTANT IN COMIT GROUP

February 2019 - May 2019 / February 2020 - Present

- Satellite imagery analysis:
 - Indexed and analyzed satellite imagery type **Sentinel-2** using the **Open Data Cube**. The goal was to locate and monitor coffee crops in Tolima, Colombia.
- UnaCloud Project:
 - Tested sending 5gb, 10gb, 20gb files with **BitTorrent protocol** with **torrent** library in **Java** and implemented a server in **Python3**

TEACHING ASSISTANT

February 2017 - November 2018

- Supported teaching and grading of the following classes:
 - Electronical Engineering Introduction (15 students)
 - Network Introduction (30 students)
 - Algorithmic and Object Oriented Programming (34 students)
 - Structural Math and Logic (28 students)