

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

This is a great event held in order to motivate female high school students to study STEM careers. It will take place in a public school in Bogotá. It will be 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 (3 yrs)

Python (1 yr)

SQL (2 yrs)

JavaScript (2 months)

HTML/CSS (6 months)

AWS EC2 (1 yr)

CONTACT

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EXPERIENCE

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

UnaCloud Project|

February 2019 - May 2019 / February 2020 - Present

- Developer in the UnaCloud Project: Transmission tests to optimize the way of sending big files.
 - Implemented transmission tests using a **client-server model**. The server was implemented in **Python 3** and the clients in **Java**.
 - Tested sending 5gb, 10gb, 20gb files the **BitTorrent protocol** with ttorrent library in **Java**.

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)

PERSONAL PROJECT

FOUNDER

February 2017 - Present

- Senior students helping freshmans with first years classes. Mainly focused in **OOP in Java**.
 - Founded and coordinated a group of aprox. 5 tutors for supporting the learning of freshmans.
 - This project helped scholarship students to cover their maintenance costs.