

# SARA BEJARANO

COMPUTER SCIENCE  
STUDENT

## EDUCATION

### LOS ANDES UNIVERSITY

Computer science major , Music minor|  
August 2016- April 2021 (Expected)

- GPA: 4,5 / 5
- Academic scholarship QEE for the whole career

### MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER EDUCATION

Computer science exchange student|  
August 2019- December 2019

- Academic scholarship "Lideres del mañana" on exchange to TEC de Monterrey in Guadalajara, Mexico

### LOS ANDES UNIVERSITY

Youth music program|  
2011-2014

- Representation of Los Andes in cross-university music festival at Universidad Javeriana

## TECHNICAL ABILITIES

- Java, Python, SQL, C, JavaScript
- Express, Django, Flask, AWS EC2, Lambda Functions, Pytorch, Linux, Git, Java EE, Colab, React, Mongo, Express

## AWARDS

### Scholarship for talented students

Los Andes University  
2016

### 2nd Place MegaCrew Division

HipHop International Colombia  
2015

### 1st Place Youth Piano Contest

Universidad de los Andes  
2014

## CONTACT

✉ Email: [sm.bejarano44@uniandes.edu.co](mailto:sm.bejarano44@uniandes.edu.co)

🐙 Github: [sarabepu](#)

🌐 LinkedIn: [linkedin.com/in/sarabejarano](https://www.linkedin.com/in/sarabejarano)

## EXPERIENCE

### CORNELL UNIVERSITY | ITHACA, NY, USA

#### RESEARCH INTERN

**Blossom Project / ShadowSense Project |**  
June 2019- August 2019

- Worked in the Blossom project maintaining the web and mobile app made in **React** and updating the robots code from **Python 2.7 to Python 3.6**. This project consists in a Handcrafted Soft Social Robot.
- Worked in the ShadowSense project developing a **CNN** for shadow gestures recognition using **Pytorch pre-trained models (transfer learning)**. Shadowsense is a project that looks for new ways of interactions between humans and robots through shadow image recognition.
- Supported in the Shadowsense paper (co-author) by adding technical aspects of the shadow gestures recognition.

### LOS ANDES UNIVERSITY| BOGOTA, COLOMBIA

#### RESEARCH ASSISTANT

**UnaCloud Project|**  
February 2019 - May 2019

Implemented transmission tests using a **client-server model**. The server was implemented in **Python 3** and the clients in **Java**. The tests were made using the **BitTorrent protocol** with **torrent** library in **Java**. This was used to optimize the way of sending big files for the UnaCloud Project, which is an opportunistic cloud computing IaaS.

#### TEACHING ASSISTANT

2016 - 2018

Helped with the grading and teaching of the following classes:

- Electronical Engineering Introduction
- Network Introduction
- Algorithmic and Object Oriented Programming
- Structural Math and Logic

### ABEEJA

**PERSONAL PROJECT FOR MAINTENANCE**  
2017- 2019

Created and coordinated a group of students - tutors for supporting the learning of new programmers. Created a platform in Facebook pages where students of higher years use their experience to help new students to face university challenges. This also helped scholarship students to cover their maintenance costs. Mainly focused to **OOP in Java**.