

Jan 2018 — May 2018

Bogotá

Undergraduate Teaching Assistant in Algorithms and Programming Class at- Universidad de Los Andes

Teaching assistant in Algorithms and Programming level 2 class which included topics such as Interfaces, search algorithms, sorting algorithms, sockets, threads, simple and double linked lists and exception management . The class was taught in Java programming language, and my responsibilities included grading, and assisting the teacher during practical classes

Extra-curricular activities

Jun 2019 — Present

Undergraduate Electronic Engineer, ROBOCOL- Universidad de Los Andes

Robocol is a student initiative in Universidad de los Andes where students from mechanical engineering and electronic engineering are selected because of their skills to work in a prototype for a Mars Rover. We participated in the European Rover Challenge 2019 in Poland, and I took part in the creation and implementation of circuits and energy systems for controlling the traction, arm, cameras, and antennas

Jan 2019 — Present

Undergraduate Electronic Engineer, RAS- Universidad de Los Andes

RAS is a group focused in helping students design and implement automatic robots for competitions. I designed along with my team a mini sumo robot a competition in Argentina. The creation of the robot included PCB design, programming, and chasis design.

Jan 2020 — Present

Undergraduate Electronic Engineer

Machine learning project that goes from database creation to algorithm implementation. The project consist of creating a device for safety in intelligent cities.