

# Lara Bailen Boluda

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## EDUCATION

**Georgia Institute of Technology (Aug 2021 - May 2025)**

Candidate for Bachelor of Computer Science

**IES José Luis Sampedro (Sept 2019 - Jun 2021)**

Honorific Mention in High School

## WORK EXPERIENCE

**Student Assistant (September 2021 - Present)**

Responsible for both the SLS (Serve Learn and Sustain) website as well as the site for RCE Greater Atlanta

## LEADERSHIP / COMMUNITY SERVICE

**Student Representative in School Council (September 2019 - June 2021)**

One of the four selected to represent the students in our school at the School Council with school representatives (head master and teachers) along with the education City Hall representative.

**Fundación Banco de Alimentos de Madrid (November 2020)**

One-time volunteer for fundraising for food purchasing. Distributing fliers and telling people how to donate food.

## PROJECTS & RESEARCH

**First Lego League (2018-2020)**

Three-time FLL participant, each year, in charge of research regarding different topics and finding solutions to the identified problems.

- 2018: Research regarding problems with water. We proposed a system to reuse water in the household as a way to help with the wasted water problem.
- 2019: Research regarding problems in space. We proposed a satellite that would be used to help reduce the damages of solar radiation.
- 2020: Research regarding problems in construction. We proposed three pre-fabricated models to rebuild cities after catastrophes

AWARDS:

- Second Prize For The Presentation Of The Project (National) (2020)
- First Prize To The General Phase With Pass To Nationals (Regional) (2020)
- First Prize For Robot Behavior (Regional) (2020)
- Second Prize For Robot Design (National) (2019)
- First Prize To The General Phase With Pass To Nationals (Regional) (2019)
- First Prize For Robot Design (Regional) (2019)
- First Prize To The General Phase With Pass To Nationals (Regional) (2018)
- First Prize For The Scientific Project (Regional) (2018)

**Climate Detectives Research for the ESA (European Space Agency) (2019)**

Part of a team made up of six high school students that conducted research regarding climate change in our region. Research on acid rain and how it impacts acidity of the soil and, therefore, the growth of plants and trees in these regions.

## AWARDS

**Chemistry Gymkhana CSIC (Consejo Superior de Investigaciones Científicas) (2020)**

First place in the gymkhana "Entrematras" organized by the CSIC

**International Symposium on Climate Change (ESA) (2019)**

Ranked among the four best climate change projects in all of Europe. the symposium was in Milan

**Madrid Region Math Award (2017)**

Madrid Autonomous Community award recognizing me as one of the best 10 students in solving mathematical problems

## SKILLS

### Languages

- English - Advanced C1 (2019) - Fluent
- Spanish - Native Speaker

### Programming

- Python (Intermediate)
  - The Python MicroDegree: From Basics To Building Python Apps (Udemy)
- Java (Beginner)
- HTML + CSS + JavaScript (Intermediate)

### Technology

- Microsoft Excel (Advanced)
  - Microsoft Excel Complete Master (Udemy)
- Wordpress (Intermediate-Advanced)
- Blender (Beginner)
- Krita (Beginner)
- Android Studio (Intermediate)