

Lara Bails Boluda

(407) 815-5833 | larabails.lb@gmail.com | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Georgia Institute of Technology

August 2021 ~ May 2025

- B.S. in Computer Science with a concentration on Intelligence and Media
- Minor in Film and Media Studies

EXPERIENCE

Software Engineer (Azure VMware Solutions - Scripting Platform)

August 2025 ~ Present

Microsoft Azure

- Design, implement and release local testing REPL for customer facing run command packages. Design, implement and release an agent to automate the process of finding AVS clouds to test in, install local changes into the agent and test the changes.
- Implement Geneva Action to run read only commandlets for network diagnostics without requiring access to the subscriptions themselves.
- Design, build, and release a testing framework for monitoring changes to allow for real time validation against live telemetry, strengthening release confidence and helping catch monitoring defects before deployment.
- Design, and build SME orchestrator harness for scripting platform team to help answer questions, write code, and do code reviews, with more knowledge, lower context windows and specialized agents.
- Identify possible bugs, maintain code reliability, and perform on call rotations, participating in Bridges and helping resolve sev2s.
- Cross-team collaboration by aiding new members and partners of the AVS family become familiar with our systems and deployment processes.
- Design, implement, and release pipelines to streamline commandlet testing against real lab AVS clouds to strengthen release confidence.

Software Developer Intern (Cerberus Team)

August 2024 ~ November 2024

Amazon Web Services

- Responsible for designing and implementing a new script management system for the Persephone API to improve code testability and maintainability.

Software Engineer Intern (HCX Migrations Team)

May 2024 ~ August 2024

Microsoft Azure

- Responsible for creating a self-healing tool to mitigate HCX insufficient space issues, with the objective of improving DRI health as well as increasing the efficiency of clearing out the large files and tables responsible for these problems.

Amazon Propel Intern (Cerberus Team)

May 2023 ~ August 2023

Amazon Web Services

- Responsible for designing and coding a new auditing endpoint for Persephone API to keep track of its executions.

Student Coordinator (Student Assistant)

September 2021 ~ May 2024

Georgia Institute of Technology, Atlanta, GA

- Responsible for maintaining and updating both the SLS / SCoRE website as well as the website for the RCE Greater Atlanta.
- Responsible for the editing of the *Global Goals, Atlanta Action* podcast.

PROJECTS

Ecocan (<https://residencia.ecocan.es/>)

June 2025 - Present

- Full-stack platform for a dog boarding kennel, bookings, clients, pets, payments, and automated client communications.

UrActor ([Play Store](#) | [Apple Store](#))

Sept 2022 - Present

- Mobile phone application created for movie lovers who wish to keep track of movies they've seen, who they've seen them with, who are their favorite actors, and much more.

UrDatabase

Sept 2025 - Present

- Offline-first personal movie library for Windows, with metadata fetching and file management

Academy Awards Api (<https://api.uractor.com/>)

Sept 2022 - Present

- Free online API created for developers that need access to the academy awards data in order to enhance their projects.

Lumos - Video Game Design Semester Project ([Windows Download](#))

Jan 2025 - May 2025

- A puzzle game about a girl lost in a haunted forest, and the fireflies that light her way home.

Dry Weight Watchers - Capstone Project Georgia Tech ([GitHub Repo](#))

Jan 2025 - May 2025

- Cross-platform app that alerts doctors when a heart failure patient's weight spikes.

Plantomo - Google Solution Challenge (<https://youtu.be/8LHcoZLOcPo>) ([GitHub Repo](#))

Spring 2023

- Part of a team that participated in the Google Solution Challenge and designed a video game to help younger generations learn about the value of plants.

IPlantit - IBM Call For Code ([GitHub Repo](#))

Fall 2022

- Part of a three-person team that designed a simple web application that makes sustainable food gardening and planning fun and easy by generating potential garden bed plots that are easy to understand.

Hygea - Google Solution Challenge (<https://youtu.be/tJJQwwL10zw>) ([GitHub Repo](#))

Spring 2022

- Part of a team that participated in the Google Solution Challenge and designed an in-house nurse for elderly patients so that they would have easy access to medical resources and in-house help.

FIRST Lego League

Fall 2018 - Spring 2020

- Three-time FIRST Lego League participant, each year, in charge of research regarding different topics and finding solutions to the identified problems.
- Got recognized for excellence in the scientific project (2018, Regionals), excelling in robot design (2019, Regionals and Nationals) and behavior (2020, Regionals), and effectiveness and excellence in presentation (2020, Nationals)

Climate Detectives Research for the ESA (European Space Agency)

Fall 2018 - Spring 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 the acidity of the soil and, therefore, the growth of plants and trees in these regions.

LEADERSHIP

Vice President of Epsilon Chapter of Phi Sigma Pi National Honor Fraternity

June 2022 - May 2023

Phi Sigma Pi

- In charge of restarting and establishing the chapter at Georgia Institute of Technology, helping organize chapter meetings and activities.

Student Representative in School Council

September 2019 - June 2021

IES Jose Luis Sampedro

AWARDS

Freshman Gold - Tower Awards (Office of Minority Education - Georgia Tech)

Fall 2021

- Award for academic achievements of traditionally underrepresented students at Georgia Tech with a 4.0 GPA as freshmen

Finalist at International Symposium on Climate Change (ESA)

Spring 2019

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

SKILLS

Software Development: Experienced in Python, Java, SQL, HTML, JS, CSS, C, C++, Dart (Flutter), AWS, Microsoft Azure, REST, Node, React Native, TypeScript, Google cloud. F#, C#.

Languages: English - Advanced C1 (2019) - Fluent | Spanish - Native Speaker