

# Jazmin Lucio

US Citizen • jlucio6@gatech.edu • (678) 665-5350 • [linkedin.com/in/jazminlucio/](https://www.linkedin.com/in/jazminlucio/)

## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

- Bachelor of Science in Environmental Engineering
- GPA: 3.13/4.00
- First-Generation College Student
- Awards: Dean's List (5), OMED's Tower Award (4), Bechtel Leader+ (3)

August 2016 – May 2021

## WORK EXPERIENCE

### The Center for Serve-Learn-Sustain at Georgia Tech

Atlanta, GA

*Undergraduate Research Fellow*

January 2020 – Present

- Collaborated with 3 key stakeholders and an interdisciplinary team to use community mapping to design a micro-mobility system for the refugee community within Clarkston, GA that focuses on equity and diversity
- Researched equity in sustainable development and presented a teaching tool on its key concepts to 20 students

### Bechtel Corporation (Virtual)

Atlanta, GA

*Environmental Engineering Intern*

July 2020 – August 2020

- Collaborated with a team of 15 students from across the country to complete 10 case studies, completed 2 modules on Environmental Engineering within the construction industry, and learned how to network virtually

### Smart City Infrastructure Health and Safety Condition Assessment Project

Atlanta, GA

*Undergraduate Research Assistant*

January 2019 – January 2020

- Processed sensor data for research projects sponsored by USDOT and GDOT to evaluate the automated detection algorithms of traffic signs and pavement distresses such as potholes and cracking (primarily for I20 and I16)
- Analyzed over 10,000 FIS files for joint length patterns using MATLAB for quality assurance purposes

### Bechtel Corporation (Blue Grass Chemical Agent-Destruction Pilot Plant [BGCAPP])

Richmond, KY

*Quality/Six Sigma Engineering Intern*

June 2019 – August 2019

- Examined 7 environmental permits to develop a matrix that included all actionable items and their deliverables
- Supported environmental audit for the plant via verifying environmental audit scope for waste management
- Presented PowerBI dashboards and data collection tools to users and management to streamline metrics development efforts and facilitate data-driven decision making

## LEADERSHIP

### Association of Environmental Engineers and Scientists (AEES)

Atlanta, GA

*Co-President*

July 2020 - Present

- Managed executive functions including industry relations, organization finances, and oversaw marketing
- Hosted over 70 civil and environmental engineering firms and over 200 students in the ASCE-AEES Career Fair

*Panel Discussion Head*

August 2019 – December 2019

- Moderated the annual Fall panel discussion titled Extreme Atlanta: Climate Change in Urban Spaces featuring 4 industry professionals to engage current environmental engineering students in an emerging challenge for society

### Engineers for a Sustainable World (ESW)

Atlanta, GA

*Hydroponics Publicity Chair*

August 2018 – Present

- Advised a group of 40 students from the Centennial Academy Charter School interested in having their own hydroponics garden and provided them with a tour of our own hydroponics garden
- Engaged with the local sustainability community to discuss food security and urban agriculture

### Society of Women Engineers (SWE)

Atlanta, GA

*Mentor*

August 2019 - August 2020

- Championed regular professional development workshops that led my mentee to secure an internship

### Society of Hispanic Professional Engineers (SHPE)

Atlanta, GA

*Professional Experience Program Mentee*

August 2018 - August 2019

- Improved professional networking skills, developed academic and professional career goals, and successfully obtained an offer after participating in the career fair at the National Society of Hispanic Engineers Conference

## SKILLS

**Languages:** Spanish (Native), English (Native)

**Instrumentation:** PowerBI, Microsoft Office Suite, MATLAB

**Specialized Concepts:** NEPA, Sustainability Analysis, Report Writing Skills, Environmental Permitting and Ethics

**Relevant Coursework:** Water Quality Engineering, Environmental Impact Assessment, Hydraulic Engineering