

Carlos Ceden0

404-825-1755 | carloscedeno@gatech.edu | <https://www.linkedin.com/in/carloscedeno->

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science in Civil Engineering

August 2018 - May 2022

Dean's List, Concentration in Construction and Infrastructure Systems Engineering (CISE)

EXPERIENCE

Structural Engineering and Materials Laboratory

Atlanta, GA

Undergraduate Research Assistant – Civil Engineering

January 2021 – May 2021

- Will be mentored by Georgia Tech Professor Lauren Stewart.
- Will do research focused on experimental methods for the response of structures to natural and manmade hazards.

McAuley Aquatics Center, Georgia Institute of Technology

Atlanta, GA

Lifeguard Instructor and Lifeguard

August 2019 – Present

- Teach valuable lifesaving skills and facility protocols to future staff members.
- Supervise swimming activities and ensure that policies, guidelines, and safety procedures are followed.
- Administer first aid and CPR in the event of an injury or drowning incident.
- Implement strong communication skills to carry out emergency protocols and address patrons.

SKILLS

Software: AutoCAD, Civil 3D, SAP2000, Synchro Studio, MATLAB, Mastan2, ArcGIS.

Applications: Microsoft Office (Excel, PowerPoint, Word, Outlook).

General Civil: Code of Ethics, Civil Engineering Systems, Construction Engineering and Management, Transportation Plan and Design, Structural Engineering, Geomatics.

Engineering: Statics, Kinematics, Kinetics, Dynamics, Fluid Mechanics, Deformable Bodies.

Equipment: Automatic level, Total Station, Surveyor's wheel.

Communication: Technical Reports, Oral and Visual Presentations, Public Speaking, Customer Service.

Spoken Languages: Spanish (native), English (fluent), French (conversational).

PROJECTS

AISC Steel Bridge Club

Steel Bridge Supplemental Competition Team

September 2020 – Present

- Design, analyze, and develop the construction sequence for the steel bridge for competitions.

Transportation Design Project

January 2020 – May 2020

- Designed a four-lane extension of an existing road that intersects three redesigned intersections.
- Included roadway design criteria, intersection designs, horizontal alignment design, vertical profile design, cross sections, and traffic control plans.

Land Development Project

January 2019 – May 2019

- Designed solution for an existing undeveloped land.
- Used Civil 3D to model existing site and added designed roads and buildings.

ACTIVITIES

Habitat for Humanity

Atlanta, GA

Volunteer – Home Building

January 2020 – February 2020

- Helped develop a community by participating in hands on construction activity.

Summer LLC Leadership Track – Georgia Institute of Technology

June 2018 – August 2018

- Active leader and participant in leadership activities.

National Honor Society – Vice-President and Member

August 2014 – May 2018

- Directed quarterly community drives.

Community Service – Vice-President and Member

August 2014 – May 2018

- Total of 125 hours - directed donations receipt and distribution.

INTERESTS

American Society of Civil Engineers, Society of Hispanic Professional Engineers, AISC Steel Bridge Club