Pedro Guerra

Mobile: 678-738-9051 | E-mail: palencarg98@gmail.com | Lawrenceville, Georgia | U.S Citizen

EDUCATION:

Kennesaw State University, GPA: 3.6

Bachelor of Science in Mechanical Engineering (BSME)   Aug 2017 – May 2022

Georgia Institute of Technology

Full-Stack Web Development Coding Program   Dec 2022 – Jun 2023

SKILLS:

Software: AutoCAD, Revit, SOLIDWORKS, MATLAB, MS Office (Outlook, Excel, Word, PPT, etc.), LTSPICE, HTML, CSS, JavaScript, APIs, Node.js, OOP, Express.js, SQL, MVC, NoSQL, PWA, React, MERN, State.

Languages: English, Portuguese, Spanish.

Personal: Problem-Solver, Team-Oriented, Communicative, Organized, Project Management.

WORK EXPERIENCE:

Plumbing Engineer   Proficient Engineering (Peachtree Corners, GA)   Jun 2022 – Present

- Utilizing AutoCAD and Revit to design plumbing systems.
- Calculating size of piping regarding sanitary, grease waste, gas, storm, emergency storm, and hot/cold water.
- Working on multiple facilities, such as: restaurants, hotels, townhomes, animal hospitals, warehouses, and many more.
- Ability to work under pressure and diligently to meet deadlines on multiple projects every day and week.

Mechanical Engineering Intern   PLAE (Canton, GA)   Feb 2022 – May 2022

- Assisted in the process of designing and prototyping via Solidworks.
- Performed stress analysis on multiple equipment to obtain factor of safety.
- Organized drawing sheets and Excel spreadsheets for the painting process of parts and subassemblies of all designed equipment.

CERTIFICATIONS:

- CSWA Solidworks
- Full-Stack Web Development Certificate (GA Tech)