

## **Pedro Guerra**

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### **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.

**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)