

Pedro Guerra

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EDUCATION

Kennesaw State University

Kennesaw, GA

President's & Dean's List Student

*Bachelor of Science in **Mechanical Engineering***

May 2022

GPA: 3.6

Georgia Institute of Technology

Atlanta, GA

Full-Stack Web Development Program

December 2022 - June 2023

EXPERIENCE

Proficient Engineering

Peachtree Corners, GA

Plumbing Engineer

June 2022 – Current

- Employing advanced proficiency in AutoCAD and Revit to design efficient plumbing systems for diverse facilities, including restaurants, hotels, townhomes, animal hospitals, warehouses, retail stores, etc.
- Utilizing expertise in calculating the optimal size of piping for various systems, including sanitary, grease waste, gas, storm, emergency storm, and hot/cold water, to deliver top-notch results.
- Excelling in managing multiple projects under tight deadlines while consistently meeting high standards of quality and attention to detail.
- Demonstrating exceptional ability to work under pressure, ensuring prompt and accurate completion of all assigned tasks.
- Collaborating with clients, team members, and stakeholders effectively, fostering positive relationships and ensuring successful project outcomes.

PLAE

Canton, GA

Intern, Mechanical Engineering

Feb 2022 – May 2022

- Contributed to the design and prototyping process using Solidworks software, showcasing strong technical aptitude and attention to detail.
- Conducted stress analysis on multiple equipment to obtain a factor of safety, demonstrating strong analytical skills.
- Demonstrated excellent organizational skills in creating and maintaining drawing sheets and Excel spreadsheets for the painting process of parts and subassemblies of all designed equipment.

SKILLS & CERTIFICATIONS

Skills: Project Management, Microsoft Office (Excel, Word, & PowerPoint), Communication, Research, Analytics, Leadership

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

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

Languages: English, Portuguese, and Spanish (Fluent in all)