ELEANNY BARRERA-DIAZ

elliediaz1204@gmail.com | Phone Number | Charleston, SC

GitHub | Linkedin

EDUCATION

University of Wisconsin – Madison   Madison, WI
Certificate - Software Development Bootcamp - Full Stack   Jan 2022 - Present

University of Wisconsin – Oshkosh   Oshkosh, WI
Bachelors of Science - Physics   Sep 2015 - May 2020

EXPERIENCE

Jen-Ter Technologies | Project Engineer   Fox Lake, WI | June 2020 - Aug 2022
- Mentored and trained 5-7 individuals every month in both the production and engineering areas, including managing performance to meet budgets and milestones
- Warranted compliance with contract and project requirements by coordinating and expediting the flow of technical documents and activities
- Designed current products and conceptualized new products based on CAD models and drawings
- Maintained the highest standards of quality throughout the project's life cycle is of paramount importance which includes providing engineering recommendations and guidance to both project management members and craftspeople
- Consistently meeting product design requirements within scheduled completion deadlines in a team environment and independently
- Identified, analyzed, and resolved issues with the software, outputs, online screens, and content

Jen-Ter Technologies | Electrical Engineering Specialist – Intern   Oct 2019 - June 2020
- Produced embedded systems Y2K compliance through the upgrade of hardware and software
- Created a new product (printed heaters) and tested it to ensure its sustainability and quality, including advancing silicone heaters that will help construct the first product the organization manufactured
- Acquired proficiency in troubleshooting problems with each type of device and in using a soldering iron for board-level repairs
- Prepared CAD drawings for the installation or removal of electrical equipment in facilities resulting in analyzing the equipment performance statistically, and improving production processes
- Assessed materials through various experiments and analyzed results to determine the most cost-effective components

SKILLS

Programming Languages:	Javascript, Python
Libraries/Frameworks:	React.JS, Express.js, Node.js Bootstrap
Tools / Platforms:	Mongoose, HTML, CSS, SCSS
Databases:	MongoDB, SQL, PostgreSQL

PROJECTS / OPEN-SOURCE

JediBook | Link   *HTML, CSS, Javascript, React.js, Express, node.js, Mongoose, MongoDB, SWAPI*
An app that allows users to search through the Planets, Characters, and Starships associated with the Star Wars saga. Users can also create their own Avatars and maintain their characters through their personal accounts. Built using the Star Wars API.

CDEV Quizzes | Link   *HTML, CSS, Javascript, React.js, Express, node.js, Mongoose, MongoDB*
This application was aimed to develop a Quizzing platform that allowed users to create and modify their own unique quizzes - Group Project

CERTIFICATIONS

- CPR Certified - American Red Cross.