Emmanuel Cordero

Enthusiastic, quality driven and team cooperative Developer.

EXPERIENCE

The Lee Company, Westbrook, CT — *Engineering Technician*

November 2021 - PRESENT

Performed a diverse range of laboratory, assembly, and testing functions on experimental components. Skilled in fabricating and setting up mechanical and electrical testing devices and apparatus, as well as assembling and calibrating mechanical parts and electrical units for new product developments. Adept at mounting and securing experimental models on test devices, generating comprehensive test reports, and collaborating closely with engineers on testing procedures and data evaluation.

Uconn, Mansfield, CT, — Full-Stack *Web Developer*

May 2023 - December 2023 (student)

I developed web pages from scratch using HTML, CSS, and JavaScript, while also mastering terminal commands and integrating third-party libraries. I honed my skills in full-stack development, writing Node.js server code, querying MySQL databases, and connecting front end to back end seamlessly. I optimized web applications for speed and efficiency, converted traditional applications into PWAs, and implemented single-page applications using React, all while applying computer science principles to JavaScript for robust programming solutions.

Mirion Technologies, Meriden, CT — *Detector Technician 3*

January 2015 - November 2021

I operated, troubleshot, diagnosed, and repaired radiation detectors, specializing in liquid nitrogen and electrically cooled systems down to the component level. I have knowledge with alpha, beta, gamma sources also with Germanium Detectors and spectroscopy. Demonstrated leadership acumen as a backup supervisor, poised to effectively oversee operations when required.

EDUCATION

Uconn, Mansfield, CT, — *Coding Bootcamp (Certification)*

May 2023 - December 2023

MCC & CCSU, Middletown/ New Britain, CT — *Electrical & Mechanical Engineering (Not Finished)*

August 2014 - June 2022

Horace C. Wilcox Technical High School, Meriden, CT — *Electronic Technology (Associates & Diploma)*

August 2010 - June 2014

REFERENCE

Available upon request

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https://github.com/eecmanny

SKILLS / FRAMEWORKS

HTML	CSS
React.js	jQuery
Responsive Design	Client-Server Model
User Authentication	HTTP request methods
REST	JSON
AJAX (Fetch API)	Bootstrap
Progressive Web Applications (PWAs)	Local Storage, Session Storage, IndexedDB
GraphQL	MySQL
MongoDB	Node.js
Express.js	ASP.NET

LANGUAGES

JavaScript	TypeScript
C#	Python

PORTFOLIO

https://fastidious-heliotrope-2a007b.netlify.app/