
REBECCA A. DOAN

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PROFESSIONAL SUMMARY

Versatile Electrical Engineer with experience in full stack web development and controls systems

SOFTWARE

- | | | | | |
|--------------|----------|-----------|-----------|----------|
| ○ Javascript | ○ React | ○ HTML | ○ CSS | ○ NodeJS |
| ○ SQL | ○ Python | ○ LabView | ○ Jenkins | ○ Docker |

WORK EXPERIENCE

Platform Development Engineer – Cirrus Logic

Austin, Texas – 04/2022 to Present

- On a software team developing a growing web application that allows employees to interact with test data from semiconductor chips that is stored in databases. The software automatically generates reports for the customer given certain criteria.
- Assist with front end design, utilizing React, Redux, and CSS to create a user-friendly single page application
- Utilize Python to create and update back end API per customer requirements. Utilize SQL to query information from the database
- Optimized SQL queries to bring page loading of test statistics from one minute to ten seconds

Test Engineer – Standard Motor Products

Independence, Kansas – 04/2018 to 10/2020

- Worked with multiple cross-functional electro-mechanical teams for automation and testing projects. Wrote all LabVIEW programs, utilizing digital and analog I/O, serial data, ethernet/ip, and Modbus TCP to communicate with external hardware. Created user friendly GUIs for each application which increased operator's productivity.
- Developed program to automate an eight-station turntable that performs room and hot temperature pressure calibration on 20 Melexis pressure sensors simultaneously, while interfacing with many servo motors and sensors. This project increased product throughput by 20X, saving \$500K annually

Electronics Engineer – NAVAIR, Department of the Navy

Jacksonville, Florida – 07/2017 to 04/2018

Triton Unmanned Aircraft - Fleet Support Team

- Managed seven naval ground stations across five continents for the Triton unmanned aircraft, providing real-time intelligence, surveillance and reconnaissance.

EDUCATION

Full Stack Web Development Bootcamp 10/22

University of Texas - Austin, Texas

- Learned to make full stack web applications using the MERN stack, utilizing HTML, CSS, JavaScript, React, Epress.js, etc.

Bachelor of Science: Electrical Engineering, 04/2017

University of North Florida - Jacksonville, Florida

GPA: 3.73/4.00