MARK MORENO

markmoreno34@gmail.com (937) 407-0771 LinkedIn Portfolio

EXPERIENCE

THK Manufacturing of America, Inc. Hebron, Ohio • May 2022 – Current
Software Engineer

- Created data entry forms and dashboards for a manufacturing plant using PERN stack and Ignition to collect and display various manufacturing metrics such as machine uptime, downtime, parts produced, and machine alarms.
- Developed a full stack application, Engineering Mod Sheet, for tracking project data, tasks, and progress for engineers and the engineering department as a whole.
- Designed live dashboards, including an alarm dashboard, that provided real-time monitoring of key metrics, such as alarm data, OEE, and overall production data, to increase efficiency and productivity for maintenance and operators.
- Collaborated with other departments and stakeholders to gather requirements and ensure their needs were met in a timely and efficient manner.
- Converted an Excel form to a custom application using the PERN stack, reducing the time required for data entry from half an hour per day to less than 5 minutes per day, resulting in increased productivity and efficiency for the plant manager and improved production numbers.

Phantom Technical Services, Inc. Columbus, Ohio • Spring 2022
Software Engineer Intern

- Developed VBA macros to automate importing and exporting CSV files between Excel and Ignition applications, resulting in a significant increase in efficiency and productivity for engineers.
- Collaborated with another engineer to create a custom component for Ignition using and learning JavaScript.
- Gained experience in using Ignition, Python scripting, data manipulation, and more.

TECHNICAL SKILLS

- ReactJS
- NodeJS
- PostgreSQL
- TypeScript
- JavaScript
- Python
- Git Version Control
- Ignition
- Linux
- HTML
- CSS

EDUCATION

Bowling Green State University January 2018 – May 2022
Bachelor of Computer Science, Minor in Digital Arts

- Data Science Project: Steering Angle Prediction – Machine Learning
  - Python, CUDA, PyTorch, Anaconda
- Capstone Project: Fort Meigs Historic Site – Augmented Reality
  - Unity, Mapbox, C#

The Ohio State University August 2017 – December 2017
Computer Science and Engineering Program