

David Cirenese

Shelby TWP, MI | cirenese@msu.edu | (586) 854-6361

Objective

A future working in a modern and upbeat work environment, developing software focused on making the world a better, safer, and more efficient place.

Education

Michigan State University – East Lansing, MI

- Bachelor of Science, Computer Science Engineering Dec 2023
GPA 3.9

Eisenhower High School – Shelby TWP, MI

- High School Diploma June 2020
GPA 4.2

Experience

Ford Motor Company – Full-Stack Software Engineering Intern – Detroit, MI May 2022 – Present

- Developed an internal application to simulate BEV/PHEV charge events as aid for SmartGrid products and testing
- Aided in full-stack development with intern team using React for frontend and Java Spring Boot for backend
- Applied SCRUM and Agile methodology to collaborate with intern team on projects. Followed Test-Driven-Development procedures for feature validation.
- Received the Top-Achiever Award for the 2022 Intern City of Tomorrow Challenge from a presentation of future applications of dynamic micro-grids to combat increasing grid loads

Fraunhofer - Professorial Assistant - East Lansing, MI Sep 2020 – May 2022

- Perform lab work and be responsible for keeping track of data manually or through computer software, learning to program with Python and LabView to help measure and record data, and innovating other solutions for on-the-job problems
- Learned how to be responsible with chemical solutions and measuring equipment and a greater understanding of how to organize data through the use of Python
- Learned how to work in a research setting and help find solutions to problems such as 3D designing or extracting data using an original Python script

Papa John's Pizza - Store Manager - Macomb, MI Sep 2017 – Aug 2020

- Worked with colleagues to develop an efficient system that prioritized profit, customer satisfaction, and production
- Skills used on-the-job include de-escalating situations, planning, and organizing labor costs and assignments, and carefully managing cash flow
- Provided the company a reliable and punctual source of labor and management allowing a learning experience surrounding the inner workings of a small business

Skills

- JavaScript/React, Java/Spring Boot, C++, Git, SQL/MongoDB, and Python
- 5 years of Spanish education