


ELIJAH JORGENSEN

Computer Science Undergrad Student

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 South East Michigan

 e1io.github.io

EDUCATION

University

University of Detroit Mercy
Aug 2023 - May 2027
Bachelor of Computer Science

High School

Divine Child High School
Aug 2029 - May 2023
High School Diploma

AWARDS & CERTIFICATIONS

- Eagle Scout, 3 Eagle Palms
- 5x Varsity XC, 4x Varsity Track
- All-Region, All-Catholic
- Astronomy Club President
- Robotics Club President

SKILLS

- -Arduino
- -HTML
- -CSS
- -JavaScript
- -Python
- -C++
- -SQL
- -Lua
- -Ladder Logic

CERTIFICATIONS

- -Front End Development HTML
- -Front End Development CSS
- -ChatGPT for Beginners
- -CSS Properties
- -CSS Tutorial
- -HTML Attributes and Tags

PROJECTS

Personal Website

- This is a website I created to showcase some of the programming knowledge I have as well as give more information on myself.
- <https://e1io.github.io>

WORK EXPERIENCE

Technique Inc

IT INTERN
May 2024 - Aug 2024

OVERVIEW

- Developed Python scripts to interface with SQL databases, improving system efficiency and data accuracy.
- Created user-focused interfaces for SQL data manipulation, ensuring data integrity and flexibility.
- Collaborated with users from concept to final product, delivering bug-free software tailored to their needs.
- Utilized SAP Crystal Reports for detailed queries and reports that supported business analysis and decision-making.
- Worked on PLC ladder logic programming and automation using Rockwell Studio 5000.

PROJECTS

Powder Coat Job Tracking

- Developed a table using Ignition, SQL queries, and Python to track jobs requiring powder coating and display associated files.

Automated Emails - Daily Powder Coat Job Updates

- Developed a Python script to generate daily emails with powder coat job details, retrieving information via SQL databases.

Database System Import - Excel Automation

- Created a Python script to semi-automate Excel table creation for database import, handling part numbers, descriptions, and other essential data.

Top Level Assembly and Component Tool

- Developed a web tool to query an ERP SQL database for a Bill of Materials, calculate part availability, identify material deficiencies, populate a table with the data and export the results to an Excel file.

Great Lakes Ace

SALES ASSOCIATE
May 2023 - May 2024

- Provided exceptional customer service by assisting customers with product inquiries, locating items, and providing recommendations. This ensured a smooth and satisfactory shopping experience.
- Assisted in the management of inventory by stocking shelves, organizing displays, and ensuring product availability. This maintained the store's operational efficiency.