Sara Ismail

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EDUCATION

Bachelor of Science - Computer Science
Minor - Cognitive Sciences
May 2023
Michigan State University | 3.85 GPA

High School Diploma
May 2019
Northville High School | 3.95 GPA

EXPERIENCE

Undergraduate Learning Assistant

Michigan State University   *September 2020* - Present

- Teaching algorithmic thinking and object-oriented programming to students with minimal experience to expand their problem solving abilities.
- Collected and recorded data on the students' understanding of materials and created demonstrations in order to fill gaps of knowledge.

Quality Development Scholar

HELLA Electronics Corp.   June 2019 - Present

- Collaborated with co-workers across different domains to assess gaps in standards set by HELLA and the automotive industry and implemented plans of correction
- Created a document using excel to track the status of specific releases for the software development process that are user-friendly, and is being used as a tracking device moving forward in several projects.

Intern - Hose Clamp Domain Expert

Cooper Standard Automotive Inc.   October 2018 - January 2019

- Promoted cost saving methods by analyzing technical drawings of over 800 hose clamps to consolidate the Cooper Standard's list of possible clamps
- Updated specifications of hose clamps by using Cooper Standard's product lifecycle management system, creating a more efficient working environment

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RELEVANT COURSEWORK

- Introduction to Programming I - Python
- Introduction to Programming II - C++
- Discrete Structures in Computer Science
- Computer Organization and Architecture
- Algorithm and Data Structures

TECHNICAL SKILLS

- C++ - Proficient
- Python - Proficient
- Microsoft Office - Proficient
- NX - Proficient
- Unity - Basic Knowledge
- Unix/Linux - Basic Knowledge
- Autodesk Inventor - Basic Knowledge
- PTC Integrity - Basic Knowledge