

ERIC SHIPLE

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OBJECTIVE

A software-related internship for the summer of 2019.

EDUCATION

University of Michigan, Ann Arbor, MI

Graduating: May 2021

Pursuing a BSE in Computer Science with a Minor in Electrical Engineering

GPA: 4.0

Relevant coursework: Introduction to Computer Organization, Programming and Introductory Data Structures, Algorithms and Data Structures, Calculus II, Calculus III, Discrete Math, Linear Algebra

WORK EXPERIENCE

Porter Builders (Fulltime)

Lexington, MA

Materials Runner and Assistant to the Contractor

May 2018 – August 2018

- Interacted with suppliers to procure and deliver the necessary materials to the job site when needed, allowing builders, painters, and carpenters to work uninterrupted
- Performed various tasks to keep the job site clean and organized, increasing productivity and company image

PROJECTS (see link above)

Personal Website

Description: Interactive website displaying autobiographical information

Skills Used: HTML, CSS, JavaScript

Post Classification [Team of 2]

Description: Program trained to classify Piazza Q&A posts based on content

Skills Used: C++, machine learning, trees/maps, recursion

Tracking Robot [Team of 4]

Description: Wheeled robot that uses a camera and microphone to detect and follow movement

Skills Used: Assembly, Verilog, Input/Output device protocol

Social Media Forum [Team of 2] (In Progress)

Description: Online forum with a superior layout and customization than current popular options

Skills Used: HTML, CSS, JavaScript, MEAN Stack

SKILLS

Computer: C++, Java, MATLAB, HTML, CSS, JavaScript, Git, Assembly, Verilog

Languages: Spanish, French

INTERESTS

- **Elementary Engineering Partnerships:** Facilitated engineering classes for disadvantaged elementary school students in Ypsilanti
- **SPARK Design Team:** Contributed to the design of the motor controller of the organization's electric motorcycle
- **LeaderShape:** Week-long university-related retreat centered around community, vision, and integrity
- **Blog:** Visited 26 countries and maintained a daily blog on WordPress detailing events and impressions, leading to a more thought-provoking and reflective experience