

## ERIC SHIPLE

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### OBJECTIVE

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A software-related internship for the summer of 2019.

### EDUCATION

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**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

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**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)

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#### 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

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

*Languages:* Spanish, French

### INTERESTS

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- **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 27 countries and maintained a daily blog on WordPress detailing events and impressions, leading to a more thought-provoking and reflective experience