

# Resume

Aiden Wenzel

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## 1 Education

### 1.1 University of Michigan College of Engineering

Electrical Engineering BSE Computer Science Minor

## 2 Skills

### 2.1 Programming Languages

- C++
- C
- Python
- MatLab
- L<sup>A</sup>T<sub>E</sub>X

### 2.2 Technologies

- Modelsim:
- Waveforms:
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## 3 Experience

## 4 Courses

### 4.1 EECS 270 - Digital Logic Design

Analyzed the foundation of computer hardware from the transistor level, to digital logics, to common combinational and sequential digital circuits. Notable

projects included designing a combinational calculator and traffic light controller using Verilog and Modelsim.

## **4.2 EECS 281 - Data Structures and Algorithms**

Explored various data structures such as queues, stacks, sets, hash tables, and graphs. Researched essential algorithms from classic sorts like merge sort and quick sort, to more heuristic algorithms like the Christofides algorithm used in solving the Traveling Salesperson Problem.

# **5 Extra Circulars**

## **5.1 University of Michigan Marching Band**

Played in the University of Michigan Marching Band in the piccolo section.