

Education

University of Michigan Ann Arbor, MI September 2023 - Present

- September 2023
- Electrical Engineering BSE
- Computer Science and Music Minor

Experience

Coretek Farmington, MI

- May 2024 - Present
- Gained experience with Microsoft Azure and on-premise server infrastructure.
- Used job knowledge to build my own self hosting game server using port forwarding and DNS.
- Used KQL to query summarize cloud resource analytics.

Skills

Programming

- Matlab: Organized data, processed images, and plotted data.
- C++: Substantial knowledge of STL. Implemented numerous algorithms and data structures from scratch.
- Python: Built deep learning models with PyTorch and processed data with Pandas, Numpy, and Matplotlib.

Circuit Analysis

- Waveforms: Analyzed analog signals in AC and DC circuits with an Oscilloscope.
- LTSpice: Simulated analog circuits.
- Logisim: Simulated digital logical circuits.

Projects

Conway's Game of Life — C++

- Wrote custom implementation of Conway's Game of Life.
- Customized build system and dependency management with CMake.

Extra Circulars

Michigan Marching Band

- Dedicated approximately 20 hours each week towards rehearsals and performances in the Big House.
- Went to the Big 10 Championship against the University of Iowa 2023, and the ReliQeust Bowl against the University of Alabama 2024.
- Initiated as an official brother of $KK\Psi$, the National Honorary Band Fraternity.