STEVEN **VAUGHN**

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100 Eclipse Drive Murfreesboro, TN

SKILLS

- Microsoft Office applications
- AutoCAD
- Soldering
- OrCAD
- Cadence PCB

- C++
- Python
- HTML
- CSS
- Git

EDUCATION

EXPECTED GRADUATION: 2024

MISSISSIPPI STATE UNIVERSITY, ELETRICAL ENGINEERING MAJOR, MATH MINOR, GPA: 3.36

Past/current classes: Fundamentals of Energy Systems, Power Transmission Systems, Power Distribution Systems, Thermodynamics, Electromagnetics I & II, Signals & Systems, EE Capstone design I & II, Data Structures & Analysis, Computer Programming I & II, Digital Devices & Logic Design, Electric Circuits I–III, Microprocessors, Engineering statistics, and advanced math courses.

My senior capstone project is a weather forecast AI that takes in data from NWS weather stations, NOAA weather data, and a weather station set up near the location where the user wants to measure, creates a more accurate and personalized forecast than the more common weather app, and displays it to the user through a website-based chatbot.

CENTRAL MAGNET HIGH SCHOOL, (C/O 2020, ENGINEERING PATHWAY)

GPA: 3.712

- Robotics team, (1st place 2016 Music City BEST competition, 4th place South's BEST competition)
- Tennessee Technology Student Association
- Presented a final Engineering capstone project (via video), exploring the use of *piezoelectricity as a source to charge a cell phone battery*

https://stevenfvaughn.weebly.com/seniorthesis2020.html

SCOUTING EXPERIENCE

- Eagle Scout earned 9/10/2019
- Shopkeeper at Boxwell Boy Scout Reservation, summer 2019, summer 2018 (paid)
- Cub Scout Camp Counselor, Summer 2017 (volunteer)
- Kitchen worker for Boy Scout Winter Camp, Winter 2018 (volunteer)
- Order of the Arrow, member 2015, Brotherhood level 2017
- National Youth Leadership Training, 2016

ADDITIONAL WORK EXPERIENCE

PAWS on the Duck pet resort (Columbia, TN)
Kennel Tech and Doggie Day Care Attendant, Summer 2020, Winter 2020/21, and Summer 2021