David Tincer

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EDUCATION

Bachelor of Science in Computer Engineering August 2022 - December 2025

Wright State University, Dayton, Ohio – GPA: 3.5, WSU Honors Program

College Credit Plus August 2020 – May 2022

*Southern State Community College**, Mt. Orab, Ohio – GPA 3.8***

RELEVANT COURSEWORK

- Computer Science
- Discrete Mathematics
- Digital System Design
- Computer Science 2
- Operating Systems
- Computer Organization
- Machine Learning
- Data Structures & Algorithms

TECHNICAL SKILLS

- *Programming Language:* C++, Java, Python, Basic AutoCAD, and Fusion 360
- *Operating Systems:* Proficient in Windows 10 and 11, Basic knowledge in Linux
- *Software Applications:* Microsoft Office Products, Google Collab, Jupyter
- *Certifications:* Six Sigma Green Belt, FANUC CNC, Allen Bradley Micrologix Programming

EXPERIENCE

IT Assistant August 2020 – May 2022

Western Brown High School – Mt. Orab, Ohio

- Assisted the IT team at my high school every day during homeroom with various tasks. Mainly repairing broken Chromebooks for students.

Job Shadowing April 2024

Edge Webware – Miamisburg, Ohio

- Observed the functions and daily tasks of a web developer, learning web development workflow, commonly used softwares and pipelining along the way.

RELEVANT PROJECTS

Python Discord Bot | February 2024 – Current

- Developed in Python using mainly Discord libraries.
- Allows users to type commands for it to perform in a Discord server.
- Currently able to source any music from YouTube and play it locally on a server.
- Source code published on my GitHub linked above.

AI Imaging Fire Detection | March 2024 – April 2024

- Machine learning model developed in Python using TensorFlow, Keras, NumPy, matplot, and MobileNetV2.
- Trained with 320 fire vs. non-fire images, validated on 80 and tested on 80.
- Trained over 10 epochs and achieved a detection accuracy of 92%.
- Made in collaboration with one other student and is published on my GitHub.