

# Epic portfolio

## Quinci Owen

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## About Me

- I know how to code in python, am a good team worker, and love learning about computers and space

## Strengths

- Great team worker
- Listens well to feedback

## Goals

- I want to learn other coding languages eventually
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## EPIC Experience

### Pi's and Python

- In this class we learned the basics of coding in the programming language python. We started by doing Harvard's cs50 course and did 3 weeks of their projects to get really familiar with how python worked and how to solve all sorts of problems. Throughout the class we learned how to communicate in teams and how to work in groups effectively. We made our own coding projects as well, which were either made up from us or we got a prompt and then had to make the project with some of our edits as well.

## Workforce Readiness

- I learned that working in teams is really important for skill building, because if one person is confused on the topic the changes of another classmate being able to explain it to them are very high.

- I also learned how to behave appropriately in a workplace. EPIC showed me that you can still have fun in the workplace you just have to balance that out with still doing work for the class.

## Professional Experiences

- We went to the super computing conference in November. This was a great experience because it taught us how different each computer can be and what they are used for. Computers are used for absolutely everything and the super computing aspect of it is even more crazy. Super computers have the ability to help on the ISS and also making sure that the Astronauts get up to the ISS safely.
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## Projects:

- Morse Code - <https://github.com/quinciowen/Morse-code-lab/tree/main>
    - This is a Morse code light for a raspberry pi, Its purpose is to send signals without words, the light flashes according to what you as it to say. Each time.sleep function is the seconds that it turns off after.
    - I learned how to use the time.sleep function properly and how to use it to create sequences of words and letters.
  - Final Project - <https://github.com/quinciowen/EPIC-final-project>
    - This is a digital mp3 player that I made on a raspberry pi. It works by pressing the touch sensor and then the pi will play a randomized song though a Bluetooth connection, either a speaker or headphones.
    - I learned how to use the program pygame for this project and how to get songs into a python program. I also learned how to randomize a list of sings so it plays each song randomly.
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## Education

- Heritage High School Class of 2024