Isaac Watts

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EDUCATION
- Associates degree in General Studies at John Tyler University (now Brightpoint). Cumulative GPA: 4.0 (Summa cum Laude)
- Working on a bachelor's degree in computer science at Virginia State University. Current GPA: 3.8

CODING LANGUAGES
- C++
- Python
- Java
- C#
- R
- JavaScript

Hackathons
1. NAVSEA AI/ML Challenge:
    - Defending Navy ships from missiles from airborne threats using AI/ML in order to control the Navy ship's missiles to shoot their missiles down using the JCORE game simulator.
    - The VSU team will use AI/ML to protect two ships, a galleon, and a High Value unit galleon; each has two missiles' systems, a high and a low-speed one.
    - Skill: Anaconda Python, JCORE game simulator, AI/ML.
    - Top 10

PROJECTS
1. Unity MLAgents project:
    - Used Machine Learning algorithms within a team efficiently to run an AI that can balance a sphere on a cube perfectly using reinforcement learning within Unity's Game Engine Environment using C# code.
    - Skill: C#, Unity Game Engine, AI/ML.
2. Carla Project:
    - This was a car simulation example which my team used for learning how to use and create Anaconda python environments and used the scene view to find where the car is in the simulation and using the game view to operate it.
    - Skill: Anaconda Python, Carla Example simulator.
3. Age Calculator:
    - Python GUI using Tkinter that calculates your age in hour, minutes, and seconds when you enter the day, month, and year that you were born in as well as tells you your zodiac sign.
    - Skill: Python, Tkinter and Datetime modules.
    - https://github.com/IsaacVSU/Age_Calculator

Honors/Extra curriculars
- Honors College
- NSBE
- Coding Club