Steven Paul Jones II

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EDUCATION

Bachelor's of Science, Computer Science Expected Graduation: December 2027

University of Cincinnati, Cincinnati, OH

Relevant Course Work

- C++ programming, Python programming, Data Structures, Computer Systems, ETR certification (Engineering, Technology, and Robotics)

SKILLS

Computer: C++, Python, Java, JavaScript

Language: English (Native), intermediate Spanish (B1), intermediate Japanese (N2)

CLASS PROJECTS

Module 10 – Pandas/ Python Programming (001) August 2023-December 2023

University of Cincinnati, Cincinnati, OH

- Conducted experiments on the Superhero Movies Dataset, performing data manipulations and visualization techniques.
- Cleaning the dataset by excluding movies with missing box office data using the Pandas library in Python.
- Normalizing scores from different rating services (Rotten Tomatoes and IMDB) for meaningful comparison and plotted a scatterplot to explore their correlation.
- Utilizing Pandas' describe() method to obtain summary statistics such as mean, standard deviation, and percentiles for the dataset.

I**nvestigate Different Sorting Algorithms/ Data Structures** August 2023-December 2023

University of Cincinnati, Cincinnati, OH

- The primary objective was to analyze the performance of different sorting methods and implement one sorting algorithm on a linked list.
- Implementing and testing the following sorting methods: Bubble sort, Insertion sort, Merge sort, and Quicksort.
- Graphing the data obtained from the tests and analyzing the performance of each sorting algorithm based on expected time complexities (Big O notation) and observed results.

Autonomous Lego EV3 Robot Python/ Engineering Design Thinking II January 2023-June 2023

University of Cincinnati, Cincinnati, OH

- Designed an autonomous warehouse robot involves utilizing LEGO EV3 components and coding its behavior in Python.
- The focus of this project was primarily on developing the robot's pathing logic due to its inclusion of wheels.

EXTRACURRICULAR ACTIVITIES

Modder 2022-Present

- Developed mods for the video games; Crusader Kings 3 & Minecraft.
- Using CK3's trait, culture, and modifier systems to not only contribute to the game's player community, but use this as an excellent opportunity for learning and honing various skills.

Looking for Co-op/internship Summer/Fall: 2024