Arterio Rodrigues

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EDUCATION

Hunter College   New York, NY
B.S. Computer Science, GPA: 3.5 | Minor: Math   February 2018 - August 2023

EXPERIENCE

Career Development Services   New York, NY
IT Specialist   April 2022 - Present

- Responsible for maintaining/updating the CDS website Career Hunter, the job/internship database including publicity, reporting, data entry and supervision of data entry.
- Develop projects to handle data entry in the CDS website. I designed a python project to handle large Data entries into the CDS system (50, 000 entries) using Pandas and Numpy. As well as python programs to handle sorting folders and files in python.

Hunter College CS Department   New York, NY
College Assistant   September 2019 - Present

- Tutor students in C++, Python, and MIPS. Guide students through programming labs
- Assist in teaching students various class lessons and support them throughout their study process resulting in a better understanding of material and grades.
- Mentor students to build confidence in public speaking and teamwork

PROJECTS

Stock Market Predictions   Spring 2022 Semester

- Python program using TensorFlow, NumPy, pandas, and yFinance. I used an LSTM model to build the program. It Predicts stock prices with 8% accuracy, using over 15,000 data entries to calculate the next 60 stock "closing prices". (code)

Pong ASM   Spring 2022 Semester

- I built pong in x86 to learn assembly language and gain a better understanding of how CPU works. I learn a lot of valuable tools, code visualization, using the stack and heap, and how 16 bits differ from 8bit, 32bit, etc. (code)

Map Generation (Wave Collapse)   Fall 2022 Semester

- This is a project I wanted to try because I am interested in computers randomly performing tasks for us. The idea is you give the computer a 2d map of arrays and it will make a random tile layout. The themes of this project are OPP, Pointers, and C++. (code)

LEADERSHIP EXPERIENCE

Hunter Chess Club   Spring 2022 Semester
Vice President

- Responsible for organizing on and off-campus tournaments, media day, and communication with college officials. Built and hosted the website. (code, website)

SKILLS

Program Languages:	C++ |Python |JavaScript |Bash |React |SQL |HTML |CSS |x86
Applications:	React |GitHub |VS Code |PGadmin |Microsoft Suite