Anthony Corton

Biology Major and Computer Science Major

Anthonycorton95@gmail.com   Student

ABOUT ME

Technical Skills: AWS, Python, Java, Excel VBA, x86 Assembly, Node.js, MySQL, JavaScript, HTML5, Git

Github: https://github.com/Cortona1

Personal Website: https://cortona1.com

LinkedIn: https://www.linkedin.com/in/cortona1/

WORK EXPERIENCE

College of Engineering - Oregon State University

Teacher Assistant CS 161   Corvallis, OR (Jan 2020 - Present)

- Responsible for holding office hours weekly and engaging in discussions on Slack and Piazza.
- Responsible for grading programming assignments and pseudocode on time.
- Improved problem solving and debugging skills by working to troubleshoot problems students encountered from their Github repositories, IDE (PyCharm), or python code.

Personal Projects

Xiangqi (Python) 1 of 6   Github**,** March (2020)

- Demonstrated object-oriented design building an interactive game of Chinese chess in python.
- Has piece specific rules (flying general, horse and elephant blocking, stalemate).
- Contains input validation, move validation, turn validation.

Sudoku (Python) 1 of 6   Github (Private)**,** December (2020)

- Created an interactive game of Sudoku that uses for its decision problem a graph theory algorithm to verify if the solution is correct in polynomial time
- Wrote a proof for proving a game of Sudoku in varying board sizes is NP-Complete by proving its in NP and can be reduced from a well-known NP-Complete problem (Latin Squares).

EDUCATION

Montclair State University   Montclair, NJ (2013 - 2017)

- Graduated with a Bachelor of Science in Biology   (3.4 GPA)

Oregon State University   Corvallis, OR (2019 - Present)

- Bachelor of Science in Computer Science

Certifications

Amazon Web Services Cloud Practitioner   Jan 2021 – Jan 2024