# **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://cortonal.com

**LinkedIn:** <a href="https://www.linkedin.com/in/cortona1/">https://www.linkedin.com/in/cortona1/</a>

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**

**Oregon State University** 

Montclair, NJ (2013 - 2017)

Graduated with a Bachelor of Science in Biology

(3.4 GPA)

Corvallis, OR (2019 - Present)

Bachelor of Science in Computer Science

# Certifications

**Amazon Web Services Cloud Practitioner** 

Jan 2021 – Jan 2024