DEVIN STOCKTON

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EDUCATION

University of Houston   Houston, Tx
Bachelor of Science in Computer Science, Minor in Chemical Engineering   August 2021 – May 2025

Cumulative GPA: 3.36/4.00
College of Natural Science and Mathematics Dean's List   Fall 2020

Related Course Work: Data Structures and Programming, Computer Architecture, Computer Science and Programming, Calculus, Linear Algebra, Discreate Math , Fundamentals of Operating Systems, Database Systems, Statistics for the Sciences

PROFESSIONAL EXPERIENCE

Tutor   Houston, Tx
COUGARCS Tutoring   January 2023 – Present
- Tutored over 50 students in fundamental of Data Structures and Programming resulting in an average grade improvement of 20%.
- Guided and outlined a path for students to follow for a better understanding of *C++* and *Python,* resulting in 80% passing rate on the exams and quizzes.
- Hosting tutoring hours for both one-on-one and group study over basic programs and algorithms in C++.

PROJECTS

Portfolio Website (Individual Developer)   May 2023
- *HTML, CSS, JavaScript, ReactJS, Figma*
- Developed a portfolio website using HTML, CSS, JavaScript, and ReactJS, showcasing my skills and projects. Utilized Figma for design mockups.

Theme Park Management System (Group Project)   April 2023
- *HTML, CSS, JavaScript, ReactJS, NodeJS, MySQL*
- Collaborating with a team of 4 to manage and track information about our own designed theme park, including customer attendance, ride performance, and maintenance, and generate reports based on collected data.
- Implemented Microsoft Azure to set up database and used SQL to create tables for data and add triggers.
- Using database management system to build web applications and support customers in using the theme park's facilities.

Manipulation of an Expression (Group Project)   October 2022
- *C++*
- Lead and collaborated with a team of 3 to analyze an expression and to decipher a message.
- Implemented using stack & queue data structures and then evaluated the expression using priority queue, created by a linked list manually, to prioritize the order of operation on the mathematical equation.

Tamagotchi Pet Game (Individual Developer)   May 2022
- *C++*
- Developed a prototype of a Tamagotchi-style pet game, allowing users to create and customize their own virtual pet from a selection of 3 different animal types (dog, snake, monkey), with over 10 unique attributes using *C++* and Object-Oriented Programming concepts such as inheritance, polymorphism, and encapsulation.

SKILLS

Programming Languages: Python, C++, HTML, CSS, JavaScript, MySQL, MATLAB, R Studio
Frameworks/Tools: Visual Studio Code, ReactJS, NodeJS, Git, GitHub, STL, OOP, Bootstrap, Figma, Microsoft office