Will Marceau

Computer Science Undergrad

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SUMMARY

A highly motivated, results orientated 4th-year Computer Science student at the University of Oregon with a strong passion for problem-solving and developing elegant, impactful programs. Eager to leverage my skills and creativity in a collaborative environment to contribute to impactful projects.

EDUCATION

B.S in Computer Science **Sep 2021 - Present**
University of Oregon - Eugene, Oregon ***Expected Graduation - June 2025***
Expected Graduation: May 2025
Current Cumulative GPA: 3.9

SKILLS

Languages and Tools: Python, C, C++, C#, JavaScript, HTML, CSS, React, Jupyter, Pytorch, Docker, Git, Tkinter, Unity, mySQL, SQLite

Relevant Courses: Data Mining, Computer and Network Security, Intro to Networks, Intro to Artificial Intelligence, Software Methodologies, Game Programming, Principles of Programming Languages, Operating Systems, C/C++ and Unix, Intermediate Algorithms, Intermediate Data Structures, Computer Organization, Computer Science 1, 2, & 3, Linear Algebra 1 & 2, Calculus 1, 2 & 3, Discrete Math 1 & 2.

PROJECTS

Lets Cook Web App: A web application with login capabilities, made for those who struggle with finding recipes and meal planning. The user is presented with recipes in a Tinder-inspired manner where they then can put the meal into their meal plan dislikes, or save the meal to their linked list. Any meal added to the meal plan will automatically populate a shopping list for you to make the process of meal planning as painless as possible. Developed in Python with flask and React.

MRI Tumor Classifier: A CNN ML model with a focus on low recall rate that can scan MRI images to classify brain tumors into four classes. Its best performance achieved over 97% accuracy and 95% recall on all classes, minimizing false negative diagnoses that could negatively impact a patient's survival rate. Developed in Python.

Duck Chat Program: A chat service composed of a client and server. Has the capability of supporting multiple servers and clients simultaneously with some minimal fault protection. Developed in C.