OCTAVIAN HUMPHREYS

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OVERVIEW

I am currently in Year 12 and I am passionate about coding, especially Machine Learning and AI Algorithms - I am currently looking for work experience. I am a hard-working individual, and I am eager to learn.

PROJECTS

Mini Python Games
Independent

I built basic python games to develop my skills and understanding for the language, while slowly building up my confidence for future larger projects.

Working On - AI Debugging Tool
Independent

I am currently coding an AI Debugging tool new programmers can learn to debug their code, by talking to a bot, and it will tell them where they went wrong, and give them exercises to improve upon.
- This is for my Non-Examined Assessment for Computer Science A-Level

Working On - Muay Thai AI App
Independent

I am currently making a Muay Thai app using MediaPipe that analyzes someone's striking technique and tells them if it was good, bad, and how they can improve e.g. keep their guard up.
- This is for My Extended Project Qualification EPQ

Website Portfolio
Independant

Taught myself how to code in HTML, CSS, JS, and React with the help of AI to construct an online portfolio for myself.

SKILLS

- Enjoys problem-solving
- Python proficiency
- Calm under pressure
- Cyber security basics
- Familiarity with MediaPipe, Flask, SciKit ,and Numpy

EDUCATION

GCSEs: Grade 8 In Maths, Physics, and Comp. Sci

King's School | Rochester, Medway | 10 GCSEs - All Grade 9-7s

A-Levels
King's School Rochester | Currently studying Maths, FM, and Comp. Sci.

CERTIFICATIONS AND LICENSES

I have completed Harvard's CS50P, and am currently working through CS50AI.

AWARDS, ACCOMPLISHMENTS, AND HONOURS

Currently hold an Academic Scholarship for my 6th Form.