

# OCTAVIAN HUMPHREYS

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[octavianjhumphreys.com](http://octavianjhumphreys.com)

## 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

Independent

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.