

Ezra Baldwin

[Email](#) | phone num | [Linkedin](#) | [GitHub](#)

Personal Profile

Aspiring cybersecurity professional looking to secure an apprenticeship within the tech industry. Seeking an opportunity to use my Python and C programming skills. My career goal is to advance as a pentester specialising in hardware systems.

Skills

- **Python** development utilising the multithreading import, Tkinter and Streamlit for building GUIs and OpenAI and Groq APIs for AI integration.
- Developed Android apps using **Java** and **Kotlin** with Android Studio.
- Web development: Front end with HTML, CSS and JS / back-end with **Flask** and web scraping with BeautifulSoup.

Education

Extended Diploma in Computing | Ada, The National College of Digital Skills SEPTEMBER 2023 - July 2025

- Predicted D*D*D*
- Event Planner within my Colleges Student Voice.
- Leading computing club for primary school students.

GCSEs | - *September 2019 - July 2023*

- course info

Experience & Industry Projects

Full stack developer internship | HojaAI | July 2024

AI Educational startup building courseware.

- Developed a beta AI courseware builder to allow HojaAI to see how the product might look and work.
- Used the Groq and OpenAI APIs for backend scripting to output course material as a json.
- Utilised Python's multithreading module for efficiency.
- Created the front end application with Python Streamlit to allow input and display the course material.
- Allowed users to search through their locally saved courses through the frontend.

Support Technician Internship | Regent College London | August 2024

- Improved organisation of IT department through Asset Management tasks checking the state of laptops, performing basic repairs and logging them using excel.
- Used a Windows Deployment Service Server to reimagine PCs with Windows as well as preset software, allowing devices to be user ready.

Web Developer | Freelance | 2023 - 2024

- Building a website setup in wordpress for a client that can take orders and has a built in scheduling system to receive bookings for her beautician company.

<https://beautytoyou.co.uk/>

- Improved levels of customer trust and data security by removing malware and putting up firewalls for an insecure website. By removing an injected php file which allowed unauthorised users from accessing the website dashboard and alter content.

<https://www.orchidenergy.co.uk>

Industry project: Stock Data Analysis | Bank of America, February 2024

Role: Software Developer

- Built backend to analyse historical stock data as CSV files from Yahoo Finance. - Developed a Front end with the Python Tkinter module allowing users to have an interface to select a company and read the analysis.

Industry project: Game Jam | King, July 2024

Role: Software Developer

- Developed a companion mobile application for a board game.
- Utilised a framework called Anvil using Python.
- My team won the software development prize.

Certifications & Projects

Cisco Networking Academy- Networking and Cybersecurity

Networking and cybersecurity courses through the cisco networking academy [Linkedin - Certifications](#)

Networking Essentials | Cisco NetAcad | Issued: Jul 2024

Networking Academy Learn-A-Thon | Cisco NetAcad | Issued: Nov 2023

Introduction to Cybersecurity | Cisco NetAcad | Issued: Oct 2023

Projects

- Connected Raspberry Pi boards to breadboards and components such as LEDs, motors, OLED screens, and other actuators. Programmed Python scripts to interact with the components. - Built and hosted a cyber security Capture The Flag competition within my College. - Capture the Flag website: <https://stentors.github.io/>