Jonathan Gonsalves

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Personal Profile

I developed a keen interest in programming during my GCSEs and attended university, where I realized my true passion for programming, despite not studying it formally. I left university to pursue my passion for programming, dedicating myself to continuous learning and practical application in the field.

I learned HTML, JavaScript, CSS, SQL, and Python through a 12-week intensive boot camp to help get me the skills required to take the first steps into software development. I have worked on and completed 7 projects showcasing the programming skills I gained through the boot camp.

I want a stable job within a company that cares about its employees and provides an environment that allows me to work to my full potential. I plan on being an important employee within the company and gaining more insight and experience within the development field in three years.

IT Training

04/24-06/24	**Just IT Training Ltd, London** **Digital Skills Bootcamp: Software Development** A 12-week intensive boot camp covering the fundamentals of Web and Software development.
01/24-02/24	**Just IT Training Ltd, London** **Level 2 Digital Skills Bootcamp** A 5-week intensive boot camp covering the fundamentals of Programming, Digital Marketing, Data Analysis, Presentation and Cyber Security.

Education

10/20-08/23	**Edge Hill University, Ormskirk** **Certificate in Biology**
09/16-08/20 A Level: GCSE:	**Villiers High School, Southall, London** **BTEC Applied Science Level 3, Grade: MMM** **5 A-C grades in subjects including Maths and English**

IT Skills

Software Development Skills: Python, JavaScript

Web Technology: HTML, CSS, JavaScript

Core Programming Languages: Python, JavaScript, SQL

Projects:
- **AI Chatbot:** I created an AI chatbot combining three projects that I worked on previously. It works by the user speaking through the microphone and the request goes through OpenAI's API to get a response and then another function outputs the response as speech.

- **File Sorter:** I have always had problems sorting my downloaded files; so, I decided to make a project that could help automate this. I used the OS library to create folders and move the files into them based on their file types.

- **Calculator:** I made a calculator using Python. I did this using multiple .py files with each having its function (e.g. Addition, Multiplication, Subtraction, Division, Square, Square root) and then inserted them into my main.py file and called these functions.

- **Wordle clone:** I cloned the functionality of the Wordle game using JAVASCRIPT and HTML. One point I struggled with was incrementing the streak counter using local storage and resolving it by reading the value from local storage as an integer and updating it if the condition was met.

Employment History

10/23-12/23   **TRG Recruitment (WonderTree), Heathrow**
                                Bartender
- Conducted quality checks and managed stock levels.
- Ensured timely and accurate service, contributing to positive customer experiences.
- Assisted waitstaff during busy periods to maintain efficient service.

07/21-07/21   **GI Group, Southall**
                                General Operative
- Met packing quotas in a team environment.
- Communicated and resolved issues to maintain quality standards.
- Took accountability for mistakes and ensured corrective actions.

Interests and Achievements

Computing: Troubleshooting IT issues for friends and family. Building projects like a file sorter that helps me keep my files in order, or an AI chatbot that speaks with me. I am currently working on learning Django to improve my skill set and help me develop web apps and websites using Python.

Hobbies: Gaming, Chess, Word games such as the NYT games, Reading, Music, Gym, Programming

Achievement: Being consistent and completing a 12-week boot camp.

Additional Info: Volunteered at BST Hyde Park 2024