

Maxwell Ogunsanya

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SUMMARY

I have always been fascinated by the inner workings of complex entities and their evolution, which naturally drew me towards pursuing a career in Computer Science. Through my studies, I have developed a keen ability to take an algorithmic approach to problem-solving, enabling me to recognise difficult patterns and break down problems across a range of disciplines. Furthermore, I have honed my skills in learning new topics and activities, expanding my knowledge and capabilities in new and exciting ways. As a result, I am confident in my ability to tackle complex challenges and deliver innovative solutions.

EXPERIENCE

Freelance Developer

CASSACORP

September 2022 – Present, London, England, United Kingdom · Remote

- Created 3 successful software products within the first year of operations, resulting in an £1000 investment by effectively managing all aspects of software development, from planning to deployment.
- Reduced project development time by 30% by implementing revised agile methodologies for individual projects, resulting in faster time-to-market and increased customer satisfaction.
- Developed a strategic plan that resulted in a 50% increase in client base and led to the expansion of the company's services by leveraging networking and marketing skills to establish new business relationships and promote the company's services.

Runner

THE RIVER CAFE LIMITED

July 2021 – January 2022, Hammersmith, England, United Kingdom

- Achieved an average rating of 4.8 out of 5 stars on customer reviews by providing exceptional service to guests.
- Increased table turnover rate by 20% by implementing efficient table clearance and ordering processes, resulting in increased revenue for the restaurant.
- Trained and mentored new staff members, resulting in improved overall service quality and a more cohesive team environment which netted me employee awards on two separate occasions.

Junior Web Developer

START SMART LONDON

June 2019 – March 2020, London, England, United Kingdom

- Increased website traffic by 50% and reduced bounce rate by 25% by implementing a comprehensive redesign that prioritized user experience and consistent branding.
- Incorporated relevant resources and updated content regularly, resulting in a 40% increase in student engagement and a 90% satisfaction rate among students and faculty.
- Developed and implemented a hands-on approach to learning HTML, CSS, and JavaScript, resulting in a 40% improvement in student performance and positive feedback from supervisors.

EDUCATION

Upper Second Class Honors, Bsc Computer Science

Brunel University London · 2019 – 2022

SKILLS

Industry Knowledge: Data Science, Machine Learning, Data Analysis, Software Development, Mathematical Analysis, Qualitative & Quantitative Research, System Design, Version Control, Automated Testing

Tools & Technologies: Python, JavaScript, SQL, Java, React, HTML & CSS

PROJECTS/INTERESTS

PyTorch Stock Price Predictor – Final Year Project (First-Class Honours)

During my final year project, I utilised PyTorch to create recurrent neural network models, evaluating LSTM and GRU architecture for forecasting stock prices. I employed text visual hybrid design to produce a coherent development story and optimal model structure. To ensure success, I drew upon recent academic material to guide data classification, sample size and model evaluation metric decisions. My hard work and dedication led to receiving a first-class honours for the project, and I take pride in applying my expertise in machine learning to solve complex problems.

2D Platformer

Developed in C# on the unity platform. I used a sprite of my favourite fictional character and created a player movement system to traverse the falling, moving and dangerous stages and objects in order reach the precious gemstone at the end of every level. Enemies were also implemented to obstruct the player, when the main player enters a predetermined radius, the enemy will attempt to catch and hit the player.

Technical Trading Indicators:

Using the proprietary language for the Tradingview platform “Pine” I created my own rendition of popular indicators such as Ichimoku Cloud, Standard Deviation and Bulls and Bears power. These indicators housed customisable inputs, allowed for changes to graphical items and offered on trigger alerts.

Mixed Martial Arts

I have been practicing f Mixed Martial Arts since August 2022 and it has come to occupy a significant place in my life. In addition to aiding in physical fitness and mobility, this pursuit has also enabled me to cultivate discipline, perseverance, and teamwork skills. Engaging in Mixed Martial Arts serves as an excellent outlet for managing stress, and I have learned valuable skills in identifying and enhancing strengths and weaknesses in both me and my partners.