

Tatenda Tachivona

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SUMMARY

Computer Science undergraduate with practical experience in web development, IoT and software engineering. Skilled in Python, Java and modern front-end technologies with projects demonstrating strong problem-solving, analytical thinking and creativity. Fascinated by Machine Learning and Software development and eager to gain industry experience, contribute to real-world projects.

EDUCATION

University of Liverpool

September 2024 - present

Bachelor of Science in Computer Science with Software Development

Liverpool, United Kingdom

- Awarded the Undergraduate Global Advancement Scholarship
- Achieved 90% average in first year by implementing effective **time management**
- Active in the Coding and Robotics Club and Computer Science Society
- Competed in 6 archery tournaments and 45+ training sessions developing **teamwork** and **discipline**

Relevant Courses:

- Introduction to Artificial Intelligence
- Designing Systems for the Digital Society
- Programming Paradigms
- Object-Oriented Programming
- Computer Systems
- Data Structures and Algorithm
- Foundations of Computer Science
- Analytical Techniques for Computer Science
- Advanced AI
- App Development
- Database Development
- Software Engineering 1

Eaglesvale Senior School

January 2020 - November 2023

High School Diploma

Harare, Zimbabwe

- Achieved 3 A*s in Computer Science, Mathematics and Physics (Cambridge A Levels)
- Captained the Debate Society, Robotics club and Art Club, bolstering **mentorship**, **leadership** and **creativity**

TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, TailwindCSS
- **Backend:** Python, Flask, PostgreSQL, MySQL, SQLite
- **Tools & DevOps:** Git, GitHub, Supabase, Docker
- **Other:** Haskell, Java, Swift, Arduino, Raspberry Pi

PROJECTS

Marketplace Web App - *Python, Flask, Supabase, PostgreSQL, HTML, TailwindCSS*

- Built a marketplace platform for users to list, browse, and purchase items
- Constructed user authentication, product management, and transaction flow
- Enhanced **problem-solving** and **analytical thinking** by optimizing backend processes using Flask and Supabase

Spotify RFID Controller - *Python, Raspberry Pi, Spotify API*

- Developed an IoT device that plays Spotify playlists/albums using RFID tags, linking 60 RFID cards to playlists
- Implemented tag scanning, URI retrieval, data storage and 4 playback controls, requiring **resilience** in debugging hardware-software interactions
- Improved skills in API integration, hardware programming, and Python scripting

Portfolio Website - *HTML, Tailwind CSS, JavaScript, GitHub Pages*

- Designed and deployed a personal portfolio website to showcase projects and technical skills, completing 18 successful deployments
- Practised **attention to detail** by designing a mobile-first, responsive UI with TailwindCSS and DaisyUI
- Applied version control and hosting work-flows with Github pages

WORK EXPERIENCE

RaceTrac

April 2024 – July 2024

Guest Service Associate

Riviera Beach, Florida

- Processed transactions for an average of 100+ guests per shift, balancing cash and inventory with 97% accuracy
- Delivered swift, friendly service, strengthening **customer-oriented communication** and **active listening**
- Resolved or escalated 100% of guest complaints promptly, maintaining a positive customer experience while developing **composure** and **problem-solving** under pressure.

Eaglesvale Senior School

January 2022 - November 2023

Tutor

Harare, Zimbabwe

- Conducted weekly tutoring sessions with 5+ students, improving average exam performance by 24% across key subjects.
- Provided comprehensive feedback and **clear communication** while tutoring, leading to measurable progress in 60% of participants
- Promoted engagement by encouraging active Q&A, raising class participation by 40%

Eaglesvale Senior School

January 2020 - November 2023

Lifeguard

Harare, Zimbabwe

- Monitored the safety of up to 15 swimmers simultaneously, ensuring zero-drowning incidents over a 3-year period by applying **situational awareness** and **teamwork**
- Performed 2 emergency rescues, responding in less than 30 seconds preventing escalation through effective **decision-making** under pressure
- Spearheaded beginner swim lessons with a group of 10 beginners, with 20% demonstrating measurable skill improvement within a month