

**Elton Ndudzo**

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**Professional Summary**

Motivated Computer Engineering student with a strong interest in software development, networking and automation. Eager to apply technical expertise and creativity in a dynamic internship environment to contribute to impactful projects and expand industry knowledge.

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**Education**

**Chinhoyi University of Technology** – *B.Eng. (Hons) in Computer Engineering (Expected Graduation: 2027)*

Relevant Courses: Embedded Systems Engineering, Microprocessors & Microcontroller Interfacing, Data Communications & Networks, Object-Oriented Programming, Parallel Computing & Mobile Systems.

**Zengeza 1 High School (ZIMSEC)**

- **Advanced Level (2021):** Mathematics, Physics, Chemistry
  - **Ordinary Level (2019):** 8 subjects, including Mathematics & English
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**Technical Skills**

- **Embedded Systems:** Arduino, Raspberry Pi, PIC Microcontrollers
  - **Programming:** C, Python, Java, Assembly, Haskell
  - **Web Development:** HTML, CSS, JavaScript
  - **Networking & IT:** Basic network setup & troubleshooting, hardware repair & maintenance
  - **Software & Tools:** MATLAB, SolidWorks, Proteus, Cisco Packet Tracer, Microsoft Office, Google Suite, Canva
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## Projects & Experience

### Personal Portfolio Website (*React + Vite*)

- Designing and developing a responsive portfolio website using React components and modern UI frameworks.
- Features include interactive sections for blogs, projects, and embedded media.

<https://github.com/eltonndudzo/elton-portfolio-next>

### Traffic Light Control System Simulation (*MicroC & Proteus*)

- Simulated a traffic light system with real-time transitions using Proteus.
- Programmed logic using MicroC, applying concepts in timing control and embedded systems.

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## Core Strengths

- Strong analytical and problem-solving skills in both hardware and software domains
- Team-oriented mindset with collaborative project experience
- Self-driven, adaptive, and able to work independently
- Keen interest in robotics, automation, and emerging technologies

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## References

Available upon request.

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