



# Kumbirai Shonhiwa

Computer Systems Engineer  
Student

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📍 Sunderland, Tyne & Wear

## SUMMARY

Final-year Computer Systems Engineering student with strong experience solving practical problems and developing digital solutions in structured, technical environments. I combine data-driven analysis, creative problem-solving, and collaborative execution to support innovation projects from concept through delivery. Experienced in documenting technical work, engaging stakeholders, and communicating results to diverse audiences. Eager to contribute to cutting-edge research and development, apply engineering principles, and grow within a global, multidisciplinary graduate programme that values curiosity, creativity, and continuous learning.

## EXPERIENCE

### Full Stack Developer

Present

Resonance Music Society - University of Sunderland

Designed, tested, and refined digital application features in a technical development environment.

Applied data-driven decision making to analyse performance and recommend improvements.

Produced clear documentation and communicated technical choices to diverse stakeholders.

Worked collaboratively with project partners to prioritise requirements and meet deadlines.

### Computer Science 333 Teaching Assistant (Tutor)

02/2025 - 07/2025

University of Pretoria ↗

Supported students through workshops, consultations, and structured learning sessions

Assisted in creating and marking assessments, providing clear and constructive feedback

Communicated complex concepts clearly to diverse, non-technical audiences

Worked collaboratively with academic staff to support learning outcomes

### Computer Science 151 Assistant Lecturer

02/2025 - 07/2025

University of Pretoria ↗

Supported students through technical workshops and problem-solving sessions.

Prepared and delivered structured content aligned with curriculum objectives.

Communicated complex concepts in accessible ways and contributed to performance feedback.

### Cybersecurity Management Intern (Academic Internship)

01/2024 - 07/2025

University of Pretoria ↗

Performed structured reviews of system controls and risk profiles related to digital environments.

Applied rigorous analysis to identify improvement areas and documented findings in formal reports.

Collaborated with cross-functional teams to support governance and compliance goals.

### Mentor

02/2024 - 10/2024

STARS Mentorship Programme ↗

Guided students through academic challenges and time-management strategies.

Built trusting relationships and facilitated communication across teams.

<b>Computer Science 212 Teaching Assistant (Tutor)</b> University of Pretoria ↗ Supported students with programming concepts in structured workshop environments Reinforced problem-solving, analytical thinking, and effective working practices Collaborated with lecturers to design and assess coursework Provided consistent feedback to support continuous improvement	02/2024 - 07/2024
<b>JCP Volunteer - Computing Literacy Tutor</b> Keep That Gold Shining NPC ↗ Delivered basic computing and digital literacy training in school environments Taught Microsoft Office fundamentals and introductory programming concepts Supported learners in building practical digital skills for education and employment Demonstrated community engagement and service-oriented values	02/2023 - 10/2023

## EDUCATION

<b>Computer Engineering</b> University of Sunderland - BSc (Hons) Computer Systems Engineering Focused on systems design, digital engineering, and analytical problem-solving. Coursework emphasised structured project work, technical reporting, and multidisciplinary teamwork — foundations crucial for applied engineering innovation.	09/2025 - Present
<b>Computer Science</b> ↗ University of Pretoria - BSc (Hons) Computer Science Developed rigorous analytical thinking, software development, and collaborative project skills. Strengthened ability to deliver structured technical solutions aligned with stakeholder needs.	01/2025 - 07/2025
<b>Computer Science</b> ↗ University of Pretoria - BSc Computer Science Built solid foundations in computing, systems analysis, and problem decomposition. Regularly engaged in group projects and technical presentations.	01/2022 - 07/2025
<b>High School Diploma</b> ↗ Cornwall High College - IEB (Independent Examinations Board ) National Certificate Completed a rigorous secondary education with emphasis on academic discipline, time management, and independent learning. Developed early strengths in analytical thinking, communication, and personal responsibility, forming a strong foundation for higher education and professional development.	01/2018 - 11/2021
<b>High School Diploma</b> Clifton College - High School Diploma Gained foundational academic and personal development skills in a structured learning environment, supporting early growth in teamwork, communication, and adaptability.	01/2017 - 11/2018

## SKILLS

Adaptability in dynamic environments		Data capture, analysis, and reporting	Advanced
Ability to work independently on technical tasks	Advanced	Testing and optimisation of technical solutions	Advanced
Digital systems design and evaluation	Advanced	Simulation and solution refinement (analytical thinking)	Intermediate

Technical documentation and structured reporting	Advanced	Effective communication with technical and non-technical stakeholders	Advanced
Curiosity-driven exploration of new ideas	Intermediate	Teamwork across multidisciplinary groups	Advanced
Practical problem resolution and iterative improvement	Intermediate	Presenting results and justifying design decisions	Advanced
Technical solution development under constraints	Intermediate	Strong organisational skills	Intermediate
Training and mentoring	Intermediate	Commitment to continuous professional development	Intermediate

LANGUAGES

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Zulu	Basic	Shona	Fluent
French	Basic	English	Fluent