



# Kumbirai Shonhiwa

Computer Systems Engineer  
Student

📞 07552994437  
✉️ kumbishonhiwa@icloud.com  
📍 Sunderland, Tyne & Wear

## SUMMARY

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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

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<b>Full Stack Developer</b> Resonance Music Society - University of Sunderland	Present
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.	
<b>Computer Science 333 Teaching Assistant (Tutor)</b> University of Pretoria ↗	02/2025 - 07/2025
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	
<b>Computer Science 151 Assistant Lecturer</b> University of Pretoria ↗	02/2025 - 07/2025
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.	
<b>Cybersecurity Management Intern (Academic Internship)</b> University of Pretoria ↗	01/2024 - 07/2025
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.	
<b>Mentor</b> STARS Mentorship Programme ↗	02/2024 - 10/2024
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>	02/2024 - 07/2024
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	

<b>JCP Volunteer - Computing Literacy Tutor</b>	02/2023 - 10/2023
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	

## EDUCATION

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<b>Computer Engineering</b>	09/2025 - Present
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.	

<b>Computer Science</b> ↗	01/2025 - 07/2025
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.	

<b>Computer Science</b> ↗	01/2022 - 07/2025
University of Pretoria - BSc Computer Science	
Built solid foundations in computing, systems analysis, and problem decomposition. Regularly engaged in group projects and technical presentations.	

<b>High School Diploma</b> ↗	01/2018 - 11/2021
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.	

<b>High School Diploma</b>	01/2017 - 11/2018
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.	

## SKILLS

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Adaptability in dynamic environments	Data capture, analysis, and reporting	Advanced
Ability to work independently on technical tasks	Testing and optimisation of technical solutions	Advanced
Digital systems design and evaluation	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