

Kellen Strydom

Professional Summary

A motivated and analytical engineering student with a completed degree in game design. Eager to apply a unique combination of technical problem-solving, physics simulation, and creative design to... [Your text here]

Education

- 2025–Present **BSc(Eng) in Information Engineering**, University of the Witwatersrand, Johannesburg, South Africa, Expected Graduation: November 2026
Relevant Modules: Software Development, Control Systems, Signals & Systems
- 2022–2024 **BEngSc in Digital Arts**, University of the Witwatersrand, Johannesburg, South Africa, Graduated: June 2024
Final Year Project: [Title of your project]

Projects

- Jan 2024–Mar 2024 **Project Title (e.g., Physics-Based Bridge Builder)**, Personal Project / Course Project, Portfolio Link: [your-link.com]
○ Developed core gameplay mechanics in C# within the Unity engine.
○ Implemented realistic physics based on rigid-body dynamics principles.
○ Designed and 3D-modeled 20+ modular bridge components in Blender.
- Sep 2023 **Project Title (e.g., Robotic Arm Kinematics Simulation)**, Engineering Course Project
○ Modeled a 3-joint robotic arm in SolidWorks based on project specifications.
○ Simulated the arm's forward and inverse kinematics using MATLAB and Simulink.
○ Analyzed torque requirements for various load-bearing scenarios.

Technical Skills

- Programming C++, C#, Python, MATLAB, Javascript, HTML
Softwares SolidWorks, AutoCAD, Simulink, Unity
Technologies Git, Agile/Scrum, JIRA, Blender

Experience

- May 2024–Aug 2024 **[Your Job Title, e.g., Engineering Intern]**, Company Name, City, Country
○ Assisted senior engineers with [task]...
○ Collaborated with a team of 5 to [achieve something]...
○ Managed and resolved [a problem]...
- 2022–2023 **[Your Role, e.g., Treasurer]**, University Game Developers Club, City, Country
○ Managed the club's annual budget of \$[Amount].
○ Organized and hosted a 48-hour game jam for 50+ participants.

Awards & Achievements

- 2024 Winner, Games for Change Africa Change Jam 2025 at AVIJOZI
2023 Second highest average in class for final year of BEngSc Digital Arts

References

References available upon request.