

COLLIN NEILL TUCK



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Summary

I am a 23 year old graduate from the North-West University for B.Eng (Computer and Electronic). My passion is computer science and new technology. I am hard working and always strive to improve, while being flexible and creative. I am looking for an opportunity to develop as engineer, and to put my skills to good use to accompany and the community.

Interests and Hobbies

- Software & Game development
- Machine Learning
- Sport

Education

WORK EXPERIENCE

- Junior Engineer | Orka Solar | Dec 2024 – Present
- Spearheaded the development of a comprehensive online solar design tool, taking full ownership of the project from initial design and architecture to deployment.

TERSARY EDUCATION – 2025 (North-West University)

- B.Eng (Computer & Electronic)
- Graduated with a GPA of 64%.
- Served on the following Hostel Committees: Finances, Recruitment, Sport, and RAG.
- Served on the following University Committees: Finances, and Sport.

SECONDARY SCHOOL - 2016 – 2020 (Hopetown High School)

- Elected as Dux student in 2020.
- Passed Matric with 6 distinctions.
- Top academic performer in the Pixley Ka Seme district.
- Awarded the top achiever for academic excellence for every year of high school.
- Highest marks scored for Mathematics, Accounting, CAT and English FAL in grades 10, 11 and 12.
- Highest marks scored for Physical Sciences in grade 10 and 11.
- Participated in various Olympiad's – Mathematics, Science and CAT.
- Bronze certificate for the National Computer-programming Olympiad.
- Achieved 2nd place in the Northern Cape in the IITPSA Computer-Olympiad.
- Participated on provincial level – Played Rugby for Griquas (Northern Cape) in u/17 Rhino week and National u/17's Rugby 7's tournament in 2019.
- Elected and served as member of the Student Representative Council and Vice Head Boy on Matric Council.

Experience

- Junior Developer internship at Singular Systems (Pty) Ltd - Johannesburg.
- Game development for the North-West University using C# and Unity.
- Final Year Project – Development of an Afrikaans teaching educational game for children with mental disabilities.
- Javascript, HTML, CSS, C++, C# and Python experience.
- Working as a team.

Skills

- Computer Literate
- Unity and C# Game Development
- Creative problem solver
- Good communicating abilities
- Adapt at organizing and motivating a team
- Able to adjust to changing situations