DANIEL VAN DER MERWE

COMPUTER ENGINEER

in https://www.linkedin.com/in/daniel-van-der-merwe-20660a210

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📍 Pretoria, Gauteng

About Me

I am a final year sudent and aspiring *Computer Engineer*. I am an independent thinker, who is passionate about gaining knowledge in the technology field. I find joy in learning new concepts, and I am able to grasp them with ease. During my schooling years and studies, I have learned to work efficiently under pressure while also developing a detail orientated work ethic. Problem solving is my biggest driver in life.

Education

Current
University of Pretoria
BEng Computer

I am currently in my final year of studies, planning on finishing at end of 2025.

2019
Ermelo High School
NSC (National Senior Certificate)

Achieved 8 distinctions with an average of 86%, whilst also fulfilling the role of Deputy Head Boy.

Experience

BBD Software 2024
Vacation work

During a four-week period, I was part of a team that built a web-app from scratch. By working in a team of 10 members, I refined my collaboration skills and enhanced my knowledge on *agile software development* and *software engineering*.

During this time, I was also familiarised to *industry software development standards*, which included the use of *mono-repositories* (like Nx) and *specialised development software* (like Azure, Docker, Flyway & Figma). Furthermore, I was exposed to base skills like *Web Development*, *Database Design, API Design* and *GitHub*.

EHS Bookshop 2016 & 2017
Sales Assistant

During the school holidays, I assisted clients in the local bookstore, during which I developed strong interpersonal skills. Managing the stock of the store greatly improved my planning and organisational skills.

Projects

Please refer to my LinkedIn page for details on any projects I've done to date:
https://www.linkedin.com/in/daniel-van-der-merwe-20660a210

Furthermore, feel free to look at my personal coding projects to date on GitHub:
https://github.com/PieceOfWheat/Portfolio

Volunteering

JCP Community Based Project 2021
Our team was tasked to improve the habitat and enrichment of the cockatoos at a local animal and bird sanctuary (Lory Park Zoo – Midrand), within the short time frame of 2 weeks.
The project was challenging yet fulfilling, since we learnt how to deal with different personality types whilst working under pressure.

Ermelo High School Recycling Programme 2019
This programme was initiated by our school prefects, where we collected plastic bottle caps, to recycle them and use the revenue to fund people in need of a wheelchair.
Managing and running the programme throughout the year enhanced my time management skills and teamwork abilities.

CSC community outreach programme 2018
A team was assembled to embark on a trip to Forever Resorts (Badplaas) to spend time with the children of the community.

Leadership

- Vice-president of Ermelo High School Leadership Council (2019)
- Captain of the Ermelo High School Hockey first team (2019)
- Senior Mentor for Junior Highschoolers (2018 – 2019)
- Captain of the Ermelo High School Cheerleading Squad (2018 – 2019)

Additional Certifications

- [Udemy] Deep Learning: Neural Networks, AI & ChatGPT (2024)
- [Cisco] CCNP Enterprise Core Networking (2024)
- [Cisco] CCNA Switching-, Routing-, and Wireless Essentials (2022)
- [Cisco] CCNA Enterprise Networking Security & Automation (2022)

Programming Languages Experience

- C++
- Python
- Java
- JavaScript
- HTML + CSS