



Shaun de Beer

STUDENT - BACHELOR OF COMPUTING

About Me

Computing student averaging with distinction and 240 credits achieved thus far. Delivering full-stack solutions using C#, Java, and Python while being able to bridge academic theory with practical development, seeking to drive digital transformation at a forward-thinking tech company.

Education

2017 - 2021 | High School Diploma
Louis Trichardt Secondary School

2022 - 2026 | Bachelor of Computing
Belgium Campus ITversity - Pretoria
(in progress)

Experience

Belgium Campus Year Project

IoT Generator Monitoring & Predictive Maintenance System | 2018-2019

Developed an IoT-based predictive maintenance system for generators using MQTT, sensor data (fuel level, vibration, temperature), and machine learning models (LSTM, Autoencoders) for anomaly detection and regression forecasting. Integrated Python for model training and JavaScript (TensorFlow.js) for web-based deployment.

Volunteer Work

Event Coordinator & Freelance Artist | 2017-2024

- Organized and managed food court sales events, ensuring smooth operations and customer satisfaction.
- Designed and painted custom wall art for 3 schools and 1 restaurant in the Louis Trichardt area.

Family Business Support | 2024

Contributed to successful lodge launch through marketing and customer service strategy development

Contact



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Technical Skills

- C#, Java, Python
- SQL & Database Management
- Web Development (HTML, CSS, JavaScript)
- Project Management (Agile, Scrum)
- Git/GitHub Version Control

Core Competencies

- Problem Solving
- Agile/Scrum Methodologies
- Team Collaboration
- Technical Leadership
- Critical Thinking
- Continuous Learning

Tools

- Visual Studio Code & Visual Studio
- Microsoft Office

Languages

- English (Fluent)
- Afrikaans (Fluent)