MTHOMBENI KENNETH SIFISO

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OBJECTIVE

I'm a highly motivated individual with a keen eye for detail, looking for an opportunity to prove obtained skills at Tshwane University of Technology and advance my career as far as possible. My main goal is to learn as much as possible about the corporate world and the industry of my field in qualification or any other which may benefit me future wise. I consider myself to be an effective team player and analytical approach to solving problems.

PERSONAL DETAILS

Date of Birth	:	12/07/1997
Marital Status	:	Single
Nationality	:	South African
ID Number	:	9707125809088
Gender	:	Male
Home Language	:	IsiNdebele
Other Language	:	English, Zulu
Religion	:	Christian
Health	:	Good
Drive License	:	None
Hobbies	:	Reading

SKILLS

- Communication skill
- Ability to Work in A team
- Microsoft Office
- Good Interpersonal Skill
- Programming
- Analytical Ability and Problem-Solving Skill
- Website Front-End Design
- Attention to Details

INTERESTS

- Artificial intelligence
- Game development
- Full stack web development
- Robotics

EDUCATION

Tshwane University of Technology
National Diploma in information technology
65%

2015

Mphalali Secondary School
National Bachelor National Senior Certificate

PROJECTS

Room temperature control system
The system maintains room temperature automatically is achieved by using Arduino Uni-based microcontroller. Temperature sensor and microcontroller are the hardware used to interface with computer. Temperature is displayed on LCD display using analog pin of hardware.

Automatically Filling Station
The plant is constructed based on three production lines:
1.Material collecting & aligning line (750ml plastic bottle & 330ml metal based can)
2.Material sorting line (plastic and can bottles separated)
2.Filling station.

Smart home security door
System is the security capability which can simply lock and unlock the door or the gate. Face recognition security system using Raspberry Pi which can be connected to the smart home system. The output of face recognition algorithm is then connected to the relay circuit, in which it will lock or unlock the magnetic lock placed at the door. Results showed the effectiveness of the system, in which obtain around 90% face recognition accuracy.

CERTIFICATES

https://github.com/Kenneth97-s/Resume_io/blob/main/gameDevelo.pdf

TECHNICAL(IT) SKILLS

Languages:Python, CSS, HTML,PHP,C++,C#

Embedded system design