



KOMBO CHIGANZE

ELECTRONICS HARDWARE
DESIGN

DETAILS

19 Mispel Avenue Lydiana,
Pretoria, 0183, South Africa

+27736732447

chiganzekombo@gmail.com

DATE OF BIRTH

16 Sep 1987

DRIVING LICENSE/OWN
TRANSPORT

Yes

LINKS

[LinkedIn Profile](#)

SKILLS

PCB design in Altium

Firmware development C coding

Digital systems design and IOT

Computer Vision on embedded
systems

Initiative and Problem-solving
Abilities

Hardware Design

Hardware Troubleshooting

HOBBIES

Golfing, Chess, Swimming
Mountain Biking

Dynamic and skilled Electronic Design Technologist with a proven history in PCB design, embedded systems design, and firmware development.

Experienced in Altium Design software and with a deep understanding of multiple IDEs, adept at leveraging their unique features and tools to efficiently write, compile, debug, and test firmware code. I excel in delivering high-quality solutions while resolving hardware and firmware-related problems. I bring expertise in electronic design.

EMPLOYMENT HISTORY

Electronic Design Technologist at Technology Station in Electronics Pretoria

JUNE 2016 — To Date

JOB RESPONSIBILITIES

Electronics design

Fabrication, assembling and testing of electronic systems.

Troubleshooting and resolving hardware and firmware related problems

Rapid electronic prototyping

Working we team to define project requirements, establish technical specifications, and develop a comprehensive plan for electronic design and firmware development.

Electronic Design at Scew, Pretoria

On-going part-time work

JOB RESPONSIBILITIES

Building LI Ion battery packs for backup power systems

Battery management systems diagnosis and repair

Printed circuit board design for various microcontroller-based applications.

Installation of wireless charging systems

EDUCATION

Bachelors in electrical engineering, Tshwane University of Technology

MAY 2014 — MAY 2017

Diploma Electrical Engineering, Tshwane University of Technology

MAY 2010 — MAY 2013

AFFILIATES

Candidate Engineering Technologist at the Engineering council of South Africa (ECSA)

Extra-curricular activities

Object detection using computer vision.

AI and IoT systems development

Personal Attributes

Good communicator with written and verbal communication skills

Resolute and a hardworking collaborator

