DETAILS

PHONE: 061 298 6136

EMAIL: madzivajephta@gmail.com

LinkedIn:https://www.linkedIn.com/in/jephta-madziva-873656144/
GITHUB: https://github.com/MJT97

LOCATION: Welkom, Free state, South Africa

PROFESSIONAL SKILLS

Skill	Rating
EMBEDDED C PROGRAMMING	★★★★☆
PLC PROGRAMMING	★★★☆☆
CIRCUIT & PCB DESIGNING	★★★★☆
CAD/CAM	★★★☆☆

HARDWARE SKILLS

Skill	Rating
SOLDERING.	★★★★☆
WELDING	★★☆☆☆
BASIC HAND SKILLS	★★★☆☆
FITING & TURNING	★★★☆☆

BOARDS & CHIPS

Board/Chip	Rating
ARDUINO UNO R3.	★★★★★
PIC16F877A/8.	★★★★☆
PIC10F200.	★★★☆☆
PIC12F675.	★★★☆☆
ESP32.	★★☆☆☆

OTHER SKILLS

Skill	Rating
TEAMWORK	★★★☆☆
PANCTUALITY	★★★☆☆
PROBLEM SOLVING	★★★☆☆
DISCIPLINE	★★★☆☆

JEPHTA MADZIVA
ELECTRONICS & EMBEDDED SYSTEMS ENGINEER

PROFILE

I am a Mechatronics graduate with a primary focus in electronics & embedded systems designing. I have multi-disciplinary skills that make me proficient across multiple stages of manufacturing an embedded system from schematic designing, embedded C programming, single & multi-layer PCB designing and computer-aided designing & manufacturing.

I am always eager to learn, test my limits and tackle new challenges to get things done. I can work well under pressure with commendable teamwork, critical thinking and problem solving skills.

WORK EXPERIENCE

2022 - PRESENT   FREELANCE MECHATRONICS ENGINEER
UpWork.
Fiverr.

2022   Project Designer.
Freelance Project.
2-axis flight simulator platform for MSFS.

2021   Lab Technician Intern.
Cape Peninsula University of Technology, SIM & Electronics Labs.
Assisting students with their practicals and projects.
Maintenance of Lab Stations & Equipment.
Designing & testing new systems and projects.

2018 – 2021   Mechatronics Student Mentor.
Cape Peninsula University of Technology.
Assisting students with tutorials, exercises, assignments and projects.

CERTIFICATIONS

2020   C Programming.
Academic Certificate.
Alison.com

2019   Welding, Basic Hand Skills, Fitting & Turning.
Certificate of Training.
Cape Peninsula University of Technology.

EDUCATION

2017 – 2021   Mechatronics.
National Diploma.
Cape Peninsula University of Technology.

HOBBIES

Strolling.
Music.
Gaming.