**CONTACT**          **TINASHE CHAMUNORWA**

**OBJECTIVE**

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills in Electronic Engineering.

**SKILLS**

- Circuit and PCB Design: Proteus, Multisim, Altium DXP IDE
- software: Quartus II, MATLAB, LaBVIEW, PSoC Creator,
- Online Platforms: SystemLink Cloud, SystemLink Server, NI GWeb
- Hardware Platforms: NI ELVIS II , NI MyRIO ,Intel FPGA, PSoC 6
- Programming Languages: VHDL

**EXPRIENCE**

*2004 Jan - 2004 Dec*

- **Attaché Engineer**
  Air Zimbabwe National Airliner
  Calibration of Test and Measuring Instruments

*2011 July - 2019 October*

- **Lecturer- Electronic Engineering Department**
  Harare Institute of Technology University
  Courses:
  Metrology
  Digital System Design
  Digital Signal Processing
  Data Communication and Networking

**EDUCATION**

*2005*

- **Bachelor of Science Honours in Physics**
  Midlands State University, Zimbabwe
  Class:  2.1

*2011*

- **Master of Engineering in Information and Signal Processing**
  Tianjin University of Technology and Education, China

*2019- Present*

- **PhD in Electronic Engineering, Telecommunications and Information Technologies**
  Transilvania University of Brasov , Romania
  Pending

- English (Good) Romanian (Beginner)

## JOURNAL ARTICLES

1. **Reconfigurable Wireless Sensor Node Remote Laboratory Platform with Cloud Connectivity**
Chamunorwa, T.; Modran, H.A.; Ursuțiu, D.; Samoilă, C.; Hedeșiu, H Sensors 2021, 21, 6405. https://doi.org/10.3390/s21196405
25 September 2021

2. **Cloud-Based, Expandable—Reconfigurable Remote Laboratory for Electronic Engineering Experiments**
Chamunorwa, T.; Modran, H.A.; Ursuțiu, D.; Samoilă, C.; Hedeșiu Electronics 2022, 11, 3292. https://doi.org/10.3390/electronics11203292
12 October 2022

## INTERNATIONAL CONFERENCES

1. **Embedded System Learning Platform for Developing Economies**
Tinashe Chamunorwa, D Ursutiu, C Samoila, Horia Alexandru Modran
International Conference on Interactive Collaborative Learning
https://doi.org/10.1007/978-3-030-68201-9_60
23 September 2020

2. **Learning Methods Based on Artificial Intelligence in Educating Engineers for the New Jobs of the 5th Industrial Revolution**
Horia Alexandru Modran, D Ursutiu, C Samoila, Tinashe Chamunorwa
International Conference on Interactive Collaborative Learning

https://doi.org/10.1007/978-3-030-68201-9_55
23 September 2020

3. **Electronic Educational Laboratory Platform for Students**
Tinashe Chamunorwa, Doru Ursuțiu, Cornel Samoilă, Horia Hedesiu, Horia Alexandru Modran
International Conference on Remote Engineering and Virtual Instrumentation
Springer, Cham Publishing
https://doi.org/10.1007/978-3-030-82529-4_30
24 February 2021

4. **Artificial Intelligence System for Predicting Cardiovascular Diseases Using IoT Devices and Virtual Instrumentation**

Horia Alexandru Modran, Doru Ursuțiu, Cornel Samoilă, Tinashe Chamunorwa
International Conference on Remote Engineering and Virtual Instrumentation
https://doi.org/10.1007/978-3-030-82529-4_28
24  February 2021

5. **Electronic Laboratory Educational Board**
Tinashe Chamunorwa, Doru Ursuțiu, Cornel Samoila, Horia Alexandru Modran
Interactive Mobile Communication, Technologies and Learning
https://doi.org/10.1007/978-3-030-96296-8_89
09 April 2022

6. **Intelligent IoT Biomedical Bluetooth Data Acquisition System**
Horia Alexandru Modran, Doru Ursuțiu, Cornel Samoila, Tinashe Chamunorwa
Interactive Mobile Communication, Technologies and Learning

https://doi.org/10.1007/978-3-030-96296-8_88

09  April 2022

**7. Software Configurable Hardware-Based Remote Laboratory System**

Tinashe Chamunorwa, Doru Ursuțiu, Cornel Samoilă, Horia Hedesiu, Horia Alexandru Modran

Proceedings of the 19th International Conference on Remote Engineering and Virtual Instrumentation

Springer International Publishing ,15 October 2022

**8. Work in Progress: Noise Reduction Through Artificial Intelligence Techniques: An Introductory Study**

Horia Alexandru Modran, Doru Ursuțiu, Cornel Samoilă, Tinashe Chamunorwa

International Conference on Remote Engineering and Virtual Instrumentation

https://doi.org/10.1007/978-3-031-17091-1_3,

15 October 2022.

## REFERENCE

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## SIGNATURE

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