

Virtual Reality Workshop

THE 9TH INTERNATIONAL CONFERENCE ON APPROPRIATE TECHNOLOGY
NOVEMBER 2020 - PRETORIA, SOUTH AFRICA

This workshop will be hosted coinciding with the International Conference on Appropriate Technology. The theme of this year's conference is *Technology Exchange and Employment Creation for Community Empowerment: Cross-Pollinating Innovative Models*.

The goal of the **Virtual Reality Workshop** to inspire participants with an introduction to using Unreal programming platform to develop virtual reality software that will be useful in training. This can be useful in training workers or it can be infused in academic courses.

The conference brochure can be downloaded at www.appropriatetech.net



Mr. Msimisi Mlangeni

Msimisi Mlangeni is an aspiring Electrical and Software Engineer. He is pursuing his studies at Tshwane University of Technology in Electrical Engineering, specialising in Digital Telecommunications and Software Engineering. He has worked with programming languages including C, C#, C++, Mikro C, Python, Assembly, Win 32 Api and Kotlin. He completed several projects including Smart walking stick for the blind (2017 TUT), Smart Power Management System (TSE 2018) and Wildlife Drone Surveillance (2019 Ditsela). He received the following awards: National Science Fair in Swaziland (Silver 2013), and Kruger National Park Wildlife Surveillance Competition (Silver 2020). He is currently working for ITIE Group to develop Virtual Reality content for Training in the Gibela Rail Manufacturing Industry.