



Infinity Corporations LLC.

## Infinity Corporations Limited

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# Hardware and Software Lab

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## OVERVIEW

A place where developers from all over Africa in all countries in Africa can get together and have access to tools and resources to build powerful hardware and software systems .

## GOALS

1. To create a functional incubation space for the youth to engage in open source high velocity projects (Hackathons)
2. Educational support for Female Tech Makers and University Students .
3. Nurturing Tech Talent in Africa
4. Collaborative Mentorship Programmes
5. Institutional Collaboration and support

## SPECIFICATIONS

Distributed mainframe systems built on compact node clusters of 1ghz single board computers (Raspberry Pi Zero W)

Client workstations Built from single 1ghz mini Pc single board computers (Raspberry Pi 4).

3D printers

CNC machines

Third hand soldering stations

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PCB Etching space

Shelving Electrical Component Racks

Industrial etchants solvents and plastics

Hazmat suits

Industrial Catalytic converters

Meeting area

Dining Area

Crew Quarters

Participant Quarters

Waste management systems

Solar Power Farm

Server Farms

R&D space

Transport System

## **MILESTONES**

### **Promotion of African Technologists and Scientists**

To build distributed networks across Africa to aid in producing robust Mathematical and Hardware products & The development of African Scientists and African Technology

### **Tech Incubation Partner for Hackathons In Africa**

We hope to develop collaborative spaces in Africa that enhance the Development of African Countries

Further increasing her trade and commerce capabilities as well as reducing the amount of minerals, cash crops and exotic items exports overseas from African Countries , to enforce African Unity and promote African Businesses with open source logistical and technical support .

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## **Cohort Fellowships to offer African students access to high velocity projects**

To enable long standing support from the engineering community and policy makers and community oversight from the African Nation

## **Renewable energy**

To end the pollution

## **Cold Fusion**

Hopefully we can be able to build and maintain cold fusion systems to solve Africa's energy Crisis

## **Renewable Energy Vehicles**

To end Reliance on wasteful Fossil fuel transportation

## **Promote Community Development and Grass roots Social Enterprises**

To change Africa into a Utopia

## **Sustainable Development and Green Energy**

To promote sustainable living and manageable income generation to end reliance on western & eastern products