

Tatenda Almond Mushayakarara
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32 4th Crescent Warren Park 1 Harare, Zimbabwe

Skills: docker, git, linux, blockchain, artificial intelligence
Languages: python, javascript, java, c, c++, react, react-native

Experience

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|----------------------------|---|
| August - Current 2020 | Intern at Capesso <ul style="list-style-type: none">● Developed Odoo(ERP) PayNow module.● Developed E-commerce website - www.etoni.co.zw● Developed Etoni mobile application (deployed on the google play store)● Implementing ERP solutions (Netsuite, Odoo, Microsoft Dynamics Nav)● Oracle Cloud Infrastructure manager. |
| January - July 2019 | Intern at Zimbabwe Electricity Transmission and Distribution Company <ul style="list-style-type: none">● Designed and implemented rest API with django web framework.● Developed react-native and java mobile applications consuming the API's.. |
| August - December 2018 | Intern at Telco <ul style="list-style-type: none">● Developed Odoo modules using python and javascript.● Designed and implemented a vehicle tracking system using Mikrotik router for tracking, php backend and open street map. |
| June 2018 – September 2018 | Zimbabwe Center for High Performance Computing <ul style="list-style-type: none">● Artificial Intelligence and Machine Learning Research. |

Personal Projects

- **HIT 200 Secure Email System**
[www.github.com/evermoreg/digitalFile](https://github.com/evermoreg/digitalFile)
A secure email system using hybrid cryptography (AES + RSA) built with Hybrid Crypto JS and a Flask web framework backend.

- **HIT400 Blockchain Land Registry System**

www.github.com/tatmush/Blockchain-Land-Registry

A land registry system that harnesses the properties of ethereum blockchain and solidity language. Land is issued as a non-fungible ERC721 token on the blockchain. A Django backend serves metadata required for transactions on the blockchain.

- **Tomato Disease Detection mobile app**

https://drive.google.com/file/d/1F94ewOm_7hPdmuSQCNqq_kAsRNXRCE9S/view?usp=sharing

React-native mobile application for detecting diseases on tomato plant leaves. Disease detection is done by a convolutional neural network deployed on a flask web app.

- **Blockchain in Shona**

Project link: <https://www.youtube.com/channel/UCX-McTsh7vF3g9pertE4KIQ>

A native interpretation in Shona of the bitcoin white paper.

Education & Certificates

2016 - 2020 First class B.Tech (Honours) Degree in Information Security and Assurance
Harare Institute of Technology, Harare, Zimbabwe

2016-2020 Teaching Education Curriculum Certificate

2015 - 2016 Java Treehouse Course Muzinda Hub, Harare, Zimbabwe

Awards

B.Tech (Honours) Degree in Information Security and Assurance

- Awarded Degree with Distinction.
- Awarded the Vice Chancellor's Price for the Best Graduating Student in Information Security and Assurance.
- Awarded the HIT Book Prize for the Best Capstone Design Project.
- Awarded the HIT Book Prize for the Best Graduating Student in Technopreneurship.

ZimCTF 2019

- ZimCTF 2019 finalist
4 out of 30 teams in Zimbabwe's national CTF competition.

PicoCTF

- Top 200 PicoCTF2018 - www.2018game.picoctf.com/scoreboard username: tatmush