
Isack J. Otero
P.O.Box 90196,
Dar es Salaam, Tanzania.
(+255) 755105097 /
(+255) 675202013,
Email: oderoisack1@gmail.com
GitHub: github.com/isackodero

24th September 2022

Human Resource Manager Dalberg,
Indian Ocean Bldg., Block C, 4th Floor
Intersection of Toure Dr. St., Masaki
PO Box 1304
Dar Salaam, Tanzania

Dear Sir /Madam

Ref: APPLICATION FOR DATA SCIENTIST POSITION

Referring to the head above, my name is Isack Otero, and a bachelor's degree holder in electrical engineering from the Dar es salaam institute of technology.

With my experience in **Analyzing, Interpreting & Verifying data quality** and also **Analyzing, Designing, Evaluating, Validating, Retraining** and **Deploying models in a real time environment**, I am eager to join **Dalberg Data Insights** as a **Data Scientist**.

I am skilled in **Python, Pytorch, Matplotlib, Plotly.js, NoSQL, SQL, HTML5, CSS, bootstrap3, Javascript, React, Flask, Django, Docker, optimistic, Design Thinking, Qualitative and Quantitative analysis, Team player, Leader, Humble, Hard Worker** and **Machine Learning theory**, and I think I would make a great addition to your team.

As the Data scientist at NileAGI <www.nileagi.com>, I am responsible for **Data preparation, Model Analyzing, Model Creation, Model Tuning**, and **Model Deployment**. Through my work, our team has been able to create **OpticAI**, a diabetic retinopathy diagnosis tool. I'm particularly impressed by our commitment at NileAGI committed to building useful and safe general intelligent systems.

I am very excited about this opportunity because of my passion for being a leader in developing solutions that can address global challenges, spark digital transformation and fill the data gap across different sectors.

I have been watching my parents farming so they get just food, suffering from poverty, poor health services and so many challenges since I was young. Now I feel like I am in a position to change that if I will get the opportunity to join your company and as well I feel that I would be a great fit for your team.

As a Data Scientist , I would help **Dalberg Data Insights** achieve its goals by bringing my **passion for AI, my enthusiasm, and my hard-working skills**.

I have included my CV with more information about my skills, education, and work experiences. Please feel free to contact me at **(+255) 755 105 097 / (+255) 675 202 013** to set up a time to talk. Thank you very much for your time and consideration.

Sincerely,

Isack J. Otero

Isack J. Odero

DATA SCIENTIST

EXPERIENCE

Training of Artificial Intelligence — *Ujuzi Forum - Teens in AI*

∴ 4th - 5th MARCH 2022

Training : Artificial Intelligence and it's use cases.

Training of Python — *Binary Institute of Tanzania*

∴ APRIL 2022 - MAY 2022

Training : Python programming language.

Speaker on CNN using PyTorch — *Google Developer Groups*

∴ FEBRUARY 2021

Presentation : Convolution Neural Network using PyTorch.

Speaker on Transfer Learning using PyTorch and Flask — *Python Conference Tanzania*

∴ DECEMBER 2021

Presentation : Transfer Learning using PyTorch and how to deploy model in Flask.

EDUCATION

Dar Es Salaam Institute of technology — *Bachelor Degree*

∴ 2015 - 2019

Bachelor Degree in Electrical Engineering .

PROJECT EXPERIENCE

∴ Diabetic Retinopathy diagnosis —*OpticAI*.

— This project is one of the NileAGI < www.nileagi.com >products, its purpose is to help early diagnosis of diabetic retinopathy disease.

∴ Tomato plant leaf disease detection using image recognition

— I worked as a freelancer responsible for data preparation, model creation, model training , model tuning and model deployment in an Android App. Its purpose is to help early detection of tomato leaf disease using a smartphone .

∴ Bee vs ant classification.

— This project is my personal project , its purpose is to classify bees from ants.

MOST PROUD OF

∴ Co-Found an Artificial Intelligence Company—*NileAGI*

— [NileAGI](#) is committed to building useful and safe general intelligent systems.

— Visit our website at < www.nileagi.com >

TECHNICAL STRENGTH

- Python.
- Django.
- Flask.
- SQL lite.
- C++.
- React.
- Javascript.
- HTML5.
- CSS3.
- Bootstrap3.
- Numpy.
- Pandas.
- Matplotlib.
- Plotly.js
- Machine Learning.
- Data Science
- Deep Learning.
- Computer vision.
- Mathematics for ML.
- Jupyter notebook.
- Git.

SOFT SKILLS

- Public speaking.
- Presentation.
- Communication.
- Project Management.

STRENGTH

- Optimistic, Proactive & Innovative.
- Motivator & Leader.
- Work under minimum supervision.
- Great team player & communicator.
- Product Management & Design Thinking.

LANGUAGE

ENGLISH & SWAHILI

REFEREES

ZEPHANIA REUBEN — *Data Scientist,*

zreuben815@gmail.com ,

(+255) 757 113 006,

NileAGI,

Dodoma, Tanzania.

SHABANI AYUBU — *AI Researcher,*
shabayu@sua.ac.tz,

(+255) 714 330 370,

Department of Informatics &
Information Technology, SUA,

Morogoro , Tanzania.

DAVIS DAVID — *Data Scientist,*

davisdavid179@gmail.com,

(+255) 762 260 621,

DLab,

Dar es Salaam, Tanzania.



DAR ES SALAAM INSTITUTE OF TECHNOLOGY

This is to Certify that

ISACK J ODERO

of registration number **150637433089**

Having satisfied the requirements for the award of
Bachelor of Engineering (Electrical Engineering)

LOWER SECOND CLASS

Which was conferred at a congregation held in Dar es Salaam
on the twelfth of December in the year Two thousand and nineteen

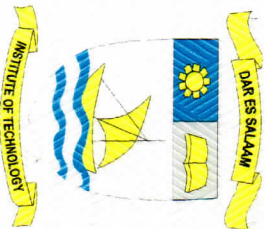
Principal



Registrar



BEEE 0000908



DAR ES SALAAM INSTITUTE OF TECHNOLOGY

ACADEMIC TRANSCRIPT



FOR PRINCIPAL
DAR-ES-SALAAM INSTITUTE OF
TECHNOLOGY
P. O. BOX 2958
DAR-ES-SALAAM

SURNAME	FIRST NAMES	BIRTHDATE	SEX	REGISTRATION NO
ODERO	ISACK J	16/10/1995	M	150637433089
HOME ADDRESS:				

AWARD TITLE: BACHELOR OF ELECTRICAL ENGINEERING
CLASSIFICATION OF AWARD: LOWER SECOND CLASS
OVERALL GPA 3.4

DATE OF ADMISSION: OCTOBER, 2015
DATE OF GRADUATION: DECEMBER, 2019



3320609815682

1ST SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
CSEU 07101	Object Oriented Programming	B
EEU 07101	Engineering Drawing	B+
EEU 07103	Power Plants	B
EEU 07105	Fundamentals Of AC Circuit Analysis	B+
EEU 07109	Principles Of Electrical Machines	A
ETU 07101	Analogue Electronics I	B+
ETU 07104	Instrumentation and Measurements	B
GSU 07101	Calculus	B+
GSU 07105	Computing Using Mathematics Software	B+
GSU 07106	Technical Communication Skills	C
MEU 07107	Engineering Mechanics	C
GPA IN SEMESTER 1: 3.5000		

2ND SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
CSEU 07201	Data Structure And Programming	B
EEU 07201	Electrical Network Transients	B+
EEU 07202	Electrical Engineering Materials	B
EEU 07203	Electrical Power Transmission and Distribution	B
EEU 07205	Electrical Network Modelling	C
EEU 07206	Control Engineering Analogue Analysis	B
EEU 07209	DC Machines	B+
ETU 07206	Digital Electronics	B
GSU 07202	Advanced Calculus	C
MEU 07212	Industrial Management	B
GPA IN SEMESTER 2: 3.0435		

3RD SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
CSEU 07302	Microprocessor	B+
EEU 07300	Industrial Practical Training	B+
EEU 07301	Engineering Electromagnetics	B+
EEU 07303	Electrical Power Systems Modelling	B
EEU 07306	Control Engineering Analogue Design	B+
EEU 07309	AC Electrical Machines	B+
GSU 07303	Differential Equations and Complex Variables	B
MEU 07316	Engineering Service Drawing	B+
MEU 07322	Finance and Human Resources Management	B+
GPA IN SEMESTER 3: 3.8182		

4TH SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
CSEU 07203	Computer System Engineering	C
CSEU 07403	Industrial Automation	B
EEU 07403	Faulty Analysis and Power Systems Stability	B+
EEU 07405	Active and Passive Filter Design	A
ETU 07207	Electronic Circuits	B
GSU 07404	Probability and Statistics	B+
GSU 07407	Research Methods	A
MEU 07428	Engineering Operations Management	C
EEU 07409	Special Electrical Machines	C
GPA IN SEMESTER 4: 3.2000		

5TH SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
CSEU 08104	Real Time System Design	B+
EEU 08100	Project Data Collection	B
EEU 08103	Power System Protection	B+
EEU 08106	Control Engineering Digital Analysis	B+
EEU 08107	Power Electronics Devices	B
ETU 07311	Electronic Design and Fabrication	B
MEU 08106	Laws For Engineers	B
EEU 08209	Electrical Machines Selection	B
EEU 08104	Industrial Practical Training	B+
GPA IN SEMESTER 5: 3.4400		

6TH SEMESTER EXAMINATION RESULTS

CODE	MODULE NAME	GRADE
EEU 08200	Project	B+
EEU 08201	Renewable Energy Technologies	A
EEU 08206	Control Engineering Digital Design	C
EEU 08207	Power Electronics Applications	A
EEU 08208	Digital System Engineering	B
GSU 08201	Entrepreneurship For Engineers	B
EEU 08102	High Voltage Engineering	C
GPA IN SEMESTER 6: 3.4737		

KEY: A=4.4 - 5.0 POINTS, B=3.5-4.3 POINTS, B=2.7 - 3.4 POINTS, C=2.0 - 2.6 POINTS, D=1.0 - 1.9 POINTS, E=0 POINTS

Dr. G. MOSHI

Date

Head of Department

20 FEB 2020

REGISTRAR

INSTITUTE OF TECHNOLOGY

3320609815682



For P. R. ELINEEMA

Date

23/12/2019

D. R. ELINEEMA

Registrar

INSTITUTE OF TECHNOLOGY

P. O Box 2958

DAR-ES-SALAAM

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