

EZEKIEL VICTOR

ibkvictor.github.com

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EDUCATION

Covenant University, Nigeria

October, 2021

B.Eng. in Mechanical & Engineering

Minor in Linguistics

Overall GPA: 3.76/4.0 (Top 10 % in class)

RESEARCH EXPERIENCE

The Energy and Environment Research Group

January 2021 - Present

Research Assistant

Ogun, Nigeria

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Center for Research, Innovation and Development

May 2021 - August 2022

Undergraduate Research Assistant

Ogun, Nigeria

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Mechanical Engineering Department, Covenant University

May - October 2021

Undergraduate Research Assistant

Ogun, Nigeria

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PUBLICATIONS

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PROJECTS

Multi Reinforcement Learning for

Research Intern, Collaborator

September 2022 - Present

Ogun, Nigeria

- The design of adaptive control with .
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- Nam tincidunt congue enim, ut porta lorem Microsoft SQL lacinia consectetur.
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- Pellentesque auctor nisi id magna consequat JavaScript sagittis.
- Aliquam at massa ipsum. Quisque bash bibendum purus convallis nulla ultrices ultricies.

Device for Training a

Machine Learning Engineer

August - September 2022

Ogun, Nigeria

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Safe RL, a reinforcement learning framework for

Systems Engineer

October 2022 - Present

Ogun, Nigeria

- tools panda gym done alongside Oseni Tosin.

Robotic Vacuum Cleaner

Systems Engineer

April - May 2022

Ogun, Nigeria

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Formula Student

BSPD Design

October 2010 - Present

Ogun, Nigeria

- The design of adaptive control with .

WORK EXPERIENCE

Chevron Cooperation

Facilities Engineering Intern

March - August 2020

Ogun, Nigeria

- Evaluated materials and equipment for Produced Water Treatment Project.
- Improved project conversion with 3d design of Process Flow Diagram.

Western Automobiles, Nigeria

Workshop Attendant, Mechanic

May - August 2019

Ogun, Nigeria

- Training in engine overhaul, vehicle servicing and automatic vehicle diagnosis. Customer relations.

AWARDS

NASA Space Apps: Project L.L.O.C.U.S.T.

Global Impact Award

January 2021

- Received for the design of a real time Locust infestation monitoring system using Satellite data from MODIS and SMAP.

David Oyedepo Scholar

Academic Scholarship

2019 - 2021

- Received for maintaining outstanding academic performance, First Class Honours, in the class of 2021 and urgent need of educational funding.

International Collegiate Programming Competition

March 2021

Third place in National and Regional Contest

- Represented Nigeria at the West-African contest of the African Collegiate Programming Competition. Picked third place prize with a team of only mechanical engineers competing against 25 other national teams.

MIT Covid-19 Hackthon

August 2020

Winner

- Received for the prototype of a WhatsApp Messenger based information verification system using natural language processing on the GPT-3 Transformer model.

Cambridge Advanced Learners Award

May 2016

Best in Physics, IGCSE 2015

- Received for obtaining the highest score in Nigeria in October-November, 2015 Cambridge IGCSE Examinations.

SKILLS

Programming Languages	C, C++, Python, MATLAB, Java, Javascript, VHDL
Programming Languages	ROS
Protocols & APIs	XML, JSON, SOAP, REST
Databases	MySQL, PostgreSQL, Microsoft SQL
Tools	Git, Vim
Electronic Design Automation, Computer Aided Design and Manufacturing.	

SERVICE

NYSC Drug Free Club, Ogun State

General Secretary

- Organised 5-hour bi-weekly sensitisation programmes at primary and secondary schools in the Ota Community. Delivered lectures on drug abuse to students using personal anecdotes and stories. requiring my mastery of the Native Yorùba dialect and American Sign Language in less than six months. installation of sign posts at market-squares.

Hebron Motorsports

Team Lead, Electrical and Autonomy Engineer

- Team rejuvenation off the Formula Student team leading the team to first concept class competition.
- Designed Brake System Plausibility Device that utilised "% state substantial improvement over the previous type %" and designed work-flow for improved PCB testing and synthesis.
- Organised recruitment and advocated the inclusion of female engineering students into the team.
- Team mentorship program, accepting students.

Mechanical Engineering Student Association

Tutorial Facilitator, Financial Secretary

- Facilitated weekly tutorials in *Introduction to Control Systems, Probability and Statistics* at primary and secondary schools in the Ota Community. Delivered lectures on drug abuse to students using personal anecdotes and stories. requiring my mastery of the Native Yorùba dialect and American Sign Language in less than six months. installation of sign posts at market-squares.

HOBBIES

Swimming, Tennis, Soccer, Playing the Gàngán (Talking Drum).

LANGUAGES

English (fluent), Yorúba, Igbo (native), and American Sign Language