

# KENECHUKWU EMMANUEL EZEIFEEMEELU

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## EDUCATION

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**NEW YORK UNIVERSITY**, Abu Dhabi, United Arab Emirates **2023**

- B.S. (Hons.) in Mechanical Engineering, Economics (Minor) | **May 2023** | **GPA: 3.975/4.0**
- *Magna Cum Laude*, New York University Honors Scholar (Founders' Day Award)

**LOYOLA JESUIT COLLEGE**, Abuja, Nigeria **2019**

- West African Senior School Certificate Examination - WASSCE (SC) - **DISTINCTION** **May/ June 2019**
- SAT Math: 800/800, SAT Math II: 800/800, SAT Physics: 790/800 **Oct/ Nov 2018**

## TECHNICAL SKILLS

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**Programming:** Machine Learning, Anaconda, Python, MATLAB, HTML/CSS, C++.

**General:** MS Office Suite (Word, Excel, PowerPoint, Access), Research, Communication, Project Development.

## RELATED WORK EXPERIENCE AND PROJECTS

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**Solar Ship Inc.**, Toronto, Canada **May 2022 – Aug 2022**

*Remote Engineering Design Intern*

Link: <https://sites.google.com/nyu.edu/peacesavinglives/project>

- Researched the use of solar-powered hybrid UAVs to tackle food insecurity in Arusha, Tanzania.
- Identified the points of needs and regions of agricultural surplus in Arusha to plot accurate flight routes.
- Drafted technical requirements for feasible operation, while considering climate and geography.
- Presented solution to chief executives of Solar Ship Inc. with comprehensive Electronic Press Kit.

**Student Affairs Office**, NYU Abu Dhabi, UAE **Aug 2020 – May 2023**

*Resident Assistant*

- Managed resources and allocated finances to host events for a residential community of over 450 students.
- Drafted reports on the general state of campus facilities as well as suggest possible improvements.
- Planned community events to provide a conducive residential environment for campus residents.

**Modelling and Analysis of Dynamical Systems**, NYU Abu Dhabi, UAE **Aug 2022 – Dec 2022**

*Teaching Assistant*

- Graded weekly assignments and quizzes for a class of 16 third-year Mechanical Engineering students.
- Provided regular feedback on graded assessments to explain errors to the students.
- Maintained an open channel for students to seek help with confusing topics from lectures.

**2018 Interswitch Innovation Challenge - Naija Transit System**, Nigeria. **Aug 2018 – Sept 2018**

- Utilized various data collection techniques such as interviews, surveys, and observation to formulate a user-friendly application to improve the Nigerian Public Transport System.
- Prepared presentation using visual and audio media to pitch formulated ideas to potential investors on a televised show (Link: [video link](#)).

## OTHER INITIATIVES

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**Volunteer, Special Needs Adaptive Program (SNAP) – Basketball**, Abu Dhabi, UAE **Jan 2023 – May 2023**

- Registered player in the Abu Dhabi Inter-University Sports League (ADISL).
- Participated as a volunteer mentor in bi-weekly basketball program in which university students teach basketball skills to special needs children in the UAE.

## AWARDS & ACCOMPLISHMENTS

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- West African Senior School Certificate - WASSCE (SC) National Distinction Award, *Nigeria*. **2019**  
*For being Second Overall Best (2<sup>nd</sup> Position) out of 1,590,173 students nationwide.*
- Finalist in the Interswitch SPAK Science Competition out of 11,412 participants nationwide, *Nigeria*. **2018**
- Third Position in the Interswitch Group Innovation Challenge, *Nigeria*. **2018**
- First Position in the Junior Mathematics Olympiad (National Level), *Nigeria*. **2016**