

# ENIOLA SOBIMPE

Researcher, Physicist and Data Analyst at US Department of Energy Fermilab

esobimpe@udallas.edu

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## Summary

N/A

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## Experience

Researcher, Physicist and Data Analyst

May 2018 - Present

Fermilab is America's particle physics and accelerator laboratory. It brings the world together to solve the mysteries of matter, energy, space and time.

My main works at fermilab are to:

Write Root CERN and C++ macros to show the importance of Time of Flight resolution, and to read binary data.

Prove the importance of Time of Flight Resolution in determining the best PMTs for the NOvA Test Beam Detector;

Collect several binary data for PMTs and SiPM using DRS4 evaluation board;

Decode binary data using C++, and Python programming codes, then do the analysis

Find the Rise Time, Transit Time, pulse area, and gain of different PMTs, and different SiPM prototypes;

Help in designing 3 Time of Flight System for the NoVA Test Beam experiment.

Astronomy Lab Assistant at The University of Dallas

January 2018 - Present

Prepare all the equipment and materials needed for the lab; encourage and guide fellow students on how to solve some difficult problems; and grade all the lab notebooks.

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## Education

The University of Dallas

Bachelor's degree, Physics and Computer Science, 2017 - 2021

United Comprehensive High School

High School Certificate, Science, 2010 - 2016

Activities and Societies: Boys Scout of Nigeria Literary and Debating Competition Group; JETS club;

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## Honors and Awards

Heal The World , Nigerian Television Authority Science and Technology Competition, Fall 2017

Dean's List

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[Contact ENIOLA on LinkedIn](#)