# AKACHUKWU EMMANUEL CHUKWUDI

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# Research Interests

Marine Natural Products Chemistry, Organic Synthesis, Cancer Therapeutics, Green Chemistry.

# Education

# B.Sc. Industrial Chemistry, Bayero University, Kano, Nigeria

# Graduated: March, 2026 | Upper Second Class Honours (CGPA: 3.7/5.0)

# Thesis: Extraction and Quantitative Analysis of Quercetin from Allium cepa, Vernonia amygdalina, and Capsicum annuum: A Comparative Study on Their Yield.

# Major Achievements

**Chemistry Laboratory**

*Chemistry Lab Assistant 2018- 2020*

* Assisted the teachers in preparing standard solutions used for practical classes in classrooms
* Assisted in synthesis of basic compounds in the chemistry laboratory
* Trained junior students on lab ethics and organization.
* Took inventory of lab chemicals when needed and reported to the lab head

**Computer Laboratory**

*Laboratory Prefect 2019 - 2020*

* Oversaw the neatness and organization of the computer laboratory
* Was assigned periodically to handle paper works for the school when needed
* Assisted in curating and uploading of results for students by teachers
* Together with a few teachers and students, we taught a few students front end web development using HTML and CSS.

# Additional Skills

* Intermediate knowledge of HTML
* Intermediate Knowledge of CSS
* Great knowledge of Chemistry
* Great understanding of instrumentations in Chemistry Laboratory
* Intermediate speaking level in French

# Awards, Honors, and Honorary Mentions

* Second Runner up (Team) in the Computer Teachers Association of Nigeria Competition 2020 edition
* Second Best Student in Chemistry in 2020
* 1st Position (Team) in the 2020 Science Week of Government Day Secondary School Dutsen-Alhaji for the invention of a voice based Calculator website using HTML for blind people