

Pearl Nibebadaaar Sandoh KUURIDONG

Curriculum Vitae

Personal Details

Date of Birth: 18 June 2000

Address: Kigali, Rwanda

Phone: +233204952684, +250796884511

Nationality: Ghanaian

Email: pearl.kuuridong@aims.ac.rw

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Education

2025 – 2026

MSc in Mathematical Sciences

African Institute for Mathematical Sciences (AIMS), Kigali, Rwanda

Thesis Title:

Combinatorial Optimization with Graph Neural Networks.

Courses Taken:

Partial Differential Equations, Algorithms and Data Structures, Big Data Analytics with Python, Statistical Regression, Data Driven Optimization, Statistical Machine Learning, Graphs, Matroids and Designs, Topological Data Analysis, Databases and Data Management.

2018 – 2022

BSc in Mathematics and Computer Science

University of Ghana.

Thesis Title:

Applying Persistent Homology to Topological Data Analysis.

Courses Taken:

Design and Analysis of Algorithms, Database Management Systems, Data Structures and Algorithms, Operating Systems, Computer Organization and Architecture, Programming with C++, Abstract Algebra, Linear Algebra, Real Analysis, Calculus, Complex Analysis, Functional Analysis, General Topology, Measure Theory, Probability Theory.

Skills

Languages: English (Fluent), Dagaare (Mother tongue)

Software: \LaTeX , R, SQL, Python, Bash, C++.

Experience

2022 – 2023

Teaching Assistant: Abstract Algebra, General Topology, Linear Algebra

University of Ghana

2023 – 2025

Data Engineer

Cape Wesley Consults

Awards

- 2025 – Mastercard Foundation Scholar at AIMS Rwanda

References

Dr. Olakunle Abawonse

Post Doctoral Researcher, African Institute for Mathematical Sciences, Kigali, Rwanda

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Prof. Blaise Tchappnda

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Dr. Ralph Agyei Twum

Senior Lecturer, University of Ghana, Accra, Ghana

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