

Emmanuel Sam

RESEARCH INTERESTS

Algorithms, Machine Learning, Scalable, Data-Efficient/Energy-Efficient Learning and/or Optimization
Algorithms, Explainable AI, Parameterized Complexity theory, and Data Visualization

POSITIONS

Research Fellow 07/2019 – 07/2023

University of Bergen, Bergen, Norway

Lecturer/ IT Solutions Developer 11/2012 – 06/2019

Wisconsin International University College, Ghana

Research Trainee | Part-time 01/2016 – 07/2017

University of Cape Coast and Academics Without Borders Canada (AWBC)

Assistant Statistician 12/2010 – 05/2011

Research & Marketing Services International, Ghana

Research Assistant 09/2009 – 09/2010

Wisconsin International University College, Ghana

EDUCATION

PhD Computer Science 21/11/2025
(Defense Date)

University of Bergen, Bergen, Norway

M.Sc. Information Technology for Management (Distinction) 05/2011 – 10/2012

Coventry University, UK & Ghana Communication Technology University

BSc. Mathematics (Second Class Upper Honours) 08/2004 – 05/2008

Kwame Nkrumah University of Science and Technology, Ghana

GRANTS & AWARDS

1. Travel Grant for ACAI 2018, European Association for Artificial Intelligence 08/2018

2. Best Student in Management Information Systems and Information Technology 01/2013

Related Programmes at graduate Level (2011/2012 Academic Year), Ghana

Communication Technology University.

TEACHING

Wisconsin International University College, Ghana	11/2012 – 06/2019
<ul style="list-style-type: none">• Database Systems• Intermediate Programming with C++• Principles of Programming• Object Oriented Programming with Visual Basic• Data Structures and Algorithm Development with C++	<ul style="list-style-type: none">2012 – 20192013 – 20192012 – 20182012 – 20172012 – 2017
University of Professional Studies, Accra (UPSA)	2013 – 2019
<ul style="list-style-type: none">• BITM 301: Programming• BITM 106: Programming fundamentals• BGEC107: Introduction to Information Technology	<ul style="list-style-type: none">2016 - 20182014 - 20192013 - 2014
Radford University College (RUC), Ghana	2013 – 2019
<ul style="list-style-type: none">• Project Management• Data Structures & Algorithms• Database Systems• Probability and Statistics I & II• Numerical Methods	<ul style="list-style-type: none">2018 – 20192014 – 20192013 - 20192013 - 20192013 - 2016
Ghana Communication Technology University & Staffordshire University, UK	2014 – 2016
<ul style="list-style-type: none">• Introduction to Programming in C++• Advanced Java Technologies• Object-Oriented Application Engineering	
Wisconsin International University College, Ghana.	2008 – 2011
<i>Teaching Assistant for:</i>	
<ul style="list-style-type: none">• Object Oriented Programming (Visual Basic.Net)• Probability and Statistics• Quantitative Methods I & II	

MEMBERSHIPS

• NORA - Norwegian AI Research Consortium	2022
• University of Bergen ICT Research School	2019
• IEEE Membership (# 94836352)	2018
• IEEE Computational Intelligence Society Membership	2018