Yaw Owusu-Agyemang, Ph.D. Student

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🌐 https://www.github.com/yawwusugh/

Employment History

Aug 2023 – · · · ·	**Research Assistant,** Mathematics Department, College of Science, George Mason University.
Oct 2021 – Aug 2023	**FullStack Software Developer** Cargoful Srl.
Dec 2021 – Feb 2022	**Junior Programmer (Part Time)** Columbus IT Srl.
Oct 2020 – Aug 2021	**FullStack Software Developer (Tech Lead)** Testami Srl.
Sep 2017 – Aug 2018	**Teaching and Research Assistant** National Institute of Mathematical Sciences (NIMS) Ghana, KNUST.

Education

Aug 2023 – · · · ·	**Ph.D Mathematics, George Mason University** Interests in: *Applied Mathematics, Numerical Analysis, Optimal Control*
Sep 2018 – Sep 2020	**M.Sc. Mathematical Engineering, University of L'Aquila and TU Vienna** in joint program. Thesis title: *Multivariable Haar Wavelets: Construction and Applications.*
Aug 2013 – June 2017	**B.Sc. Mathematics, Kwame Nkrumah University of Science and Technology** . Thesis title: *Optimal Terminal Locations for a Bus-Shuttle system.*

Skills

Languages	Strong reading, writing and speaking competencies for English. Basic understanding of Italian, German and French
Academic	Academic research, teaching, training, consultation, LaTeX typesetting and publishing.
Programming	Python, Matlab, R, C, C++, LaTeX.
Web Dev	Html, css, JavaScript, sql, Django, Amazon Web Server, Docker, Kubernetes.

Conferences and Seminars

Conferences

2018	**Scientific Computing and Industrial Modelling**, by National Institute of Mathematical Sciences at Kumasi, Ghana.
2023	**Mathematical Opportunities in Digital Twins**, at George Mason University, VA, USA.

Seminars

- **Joint PDE/Control Seminar**, George Mason University.
- **CMAI Colloquium**, Center for Mathematics and Artificial Intelligence, GMU.

Miscellaneous Experience

Awards and Achievements

2017   **College of Science Prize for Best Mathematics Student**, Kwame Nkrumah University of Science and Technology.

Certification

2018   **Deep Learning**. Awarded by deeplearning.ai via Coursera.

2017   **Machine Learning**. Awarded by Stanford University via Coursera.

       Statistics with R. Awarded by Duke University via Coursera.

References

Available on Request