Dare Fagbile

martin.fagbile@warwick.ac.uk

Education

2023 – present **MMath Mathematics**, University of Warwick.
First class averages in Years 1 & 2.

Selected Year 3 modules: Ergodic Theory; Dynamical Systems; Probability Theory; Manifolds; Introduction to Topology; Functional Analysis 1 & 2; Measure Theory.
Selected Year 2 modules: Analysis 3; Algebra 3; Norms, Metrics and Topologies; Multilinear Algebra; Geometry; Introduction to Number Theory; Numerical Methods and Computing; Scientific Communication.
Selected Year 1 modules: Analysis 1 & 2; Algebra 1 & 2; Introduction to Probability; Mathematics by Computer; Logic 1: Introduction to Symbolic Logic.

2020 – 2022 **4 A-Levels**, Havering Sixth Form, New City College, London.
A* in Mathematics, Further Mathematics, Physics, and Computer Science.

2014 – 2019 **9 IGCSEs**, Edgewood College, Lagos, Nigeria.
7 A*, 1 B, 1 C in subjects including English (B), Mathematics (A*) & Additional Mathematics (A*).

Research and projects

Jul – Oct 2025 *The Hausdorff dimension of the boundaries of self-avoiding plane-filling square-grid folding curves*, University of Warwick.
Supervised by Dr Helena Verrill; funded by Undergraduate Research Support Scheme (URSS). Report and code available on GitHub.

2024 – 2025 *Pólya's Enumeration Theorem*, University of Warwick.
Expository essay written as part of coursework for MA262 Scientific Communication.

2024 *Clustering in Real-World Networks*, University of Warwick.
Group data-analysis project done as part of coursework for MA124 Mathematics by Computer in collaboration with two peers.

Work experience

2023 – 2025 Private tutor in Mathematics and Physics (ages 11–18); over 500 one-to-one sessions.

Jul – Sep 2025 Bar staff at major music festivals, Hap Flexi.

Certifications

2025 Markets Quantitative Analysis (MQA) job simulation, Citi.

Skills

Programming: Python, C++, LaTeX.
Languages: English; basic French.