



# Toheeb Babatunde Ibrahim

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## Work experience

**Research Assistant** | Bowling Green State University | 22/09/2025 - Current | Bowling Green, United States

Developed and established mathematical frameworks to improve glass production processes.

Utilized control systems and numerical approaches to increase the efficiency of production, as well as the performance of the products.

Worked within a multidisciplinary team combining applied mathematics, materials science and process engineering.

**Graduate Teaching Assistant** | Bowling Green State University | 19/08/2024 - 31/05/2025 | Ohio, United States

Instructor College Algebra

Teaching Instructor Calculus and Analytic Geometry

**Teaching Assistant** | African Institute for Mathematical Sciences | 01/12/2019 - 23/12/2019 | Limbe, Cameroon

**Graduate teaching assistant** | Adekunle Ajasin University | 01/10/2017 - 30/10/2018 | Akungba Akoko, Nigeria

## Education & Training

**Doctor of Philosophy** | Department of Mathematics and Statistics, Bowling Green State University | 20/08/2024 - Current | Bowling Green, Ohio, United States

**Masters of Science in Nanotechnology** | Gdansk University of Technology | 01/10/2023 - 30/10/2024 | Gdansk, Poland

**Masters of Science in Mathematical Engineering** | Universita degli Studi dell'Aquila | 15/09/2022 - 30/08/2023 | L'Aquila, Italy

Field of study Mathematical Engineering | Address: 67100

**Guest researcher** | Hochschule Mittweida University of Applied Sciences | 20/12/2020 - 30/06/2021 | Mittweida, Germany

**Guest researcher** | Eberhard Karls University of Tuebingen | 01/09/2019 - 30/11/2019 | Tuebingen, Germany

**Masters of Science** | African Institute for Mathematics Science | 01/10/2018 - 01/06/2019 | Limbe, Cameroon

Field of study Mathematical Sciences | Final grade: 82/100 | Thesis: Dynamic Population Model of Aquatic and Adult Mosquito Stages | Address: P.O. 608 Crystal Gardens, Limbe

**Bachelor of Science** | University of Ilorin | 01/09/2013 - 01/10/2017 | Ilorin, Nigeria

Field of study Mathematics | Final grade: 4.77/5.0 | Thesis: Free Inverse Semigroup

## Language Skills

Mother tongue(s): **Yoruba**

Understanding	Speaking	Writing
Listening Reading	Spoken production Spoken interaction	

<b>English</b>	C1	C1	C1	C1	C1
<b>French</b>	A1	A1	A1	A1	A1
<b>Italian</b>	A2	A2	A2	A2	A2

**Skills** \_\_\_\_\_

Microsoft Office | Microsoft Word | Microsoft Excel | LibreCAD | Basic Knowledge on LAMMPS and VMD for Molecular simulations | Basic knowledge of Onshape CAD | Engineering simulation (ANSYS) | Python, R, Matlab