Thomas Torku

📞 +1-423-676-8260
✉ ttorku01@gmail.com

in /ttorku
⚙ /ttorku
🌐 https://ttorku.github.io/

🎓 Education

Middle Tennessee State University	2017 – 2023
Ph.D. Computational Science	*Murfreesboro, TN*
East Tennessee State University	2014 – 2016
Msc. Mathematical Science	*Johnson City, TN*
University of Cape Coast	2008 – 2012
Bsc. Mathematics with Business	*Cape Coast, Ghana*

🥧 Experience

Middle Tennessee State University — August 2016 – Present
Lecturer, Mathematics — *Murfreesboro, TN*

> Developed lectures to accommodate for different learning styles, maximizing students' comprehension
> Tutored students requiring further assistance with learning concepts and course material through office hours
> Collaborating with faculty to ensure student success

Muzedata&DLYA — Aug. 2022 – Nov. 2022
Data Science Bootcamp Instructor — *Remote*

> Co-instructed the basics of data science to over 150 students
> Demonstrated the basics of Python Programming Language to students
> Supervised Capstone projects

JPMorgan Chase — June 2022 – Aug. 2022
Quantitative Analyst Intern — *Columbus, OH*

> Worked with large datasets
> Developed predictive model using deep learning, specifically Pytorch
> Utilized pandas, SQL and python for data preprocessing

JPMorgan Chase — June 2021 – June 2021
Virtual Data Hackathon Participant — *New York, NY*

> Worked on data-analytics project: Quality Education Goals of United Nations for some selected nations
> Performed exploratory data analysis (EDA)
> Developed team-building skills

⚗ Projects

Predicting Stock Market Trends

> Deployed deep learning tools to predict stock market trends.

Minimization of High Computational Cost in Data Preprocessing and Modeling Using MPI4Py

> Developed an approach that uses MPI4py to minimize high computational cost.

⚙ Skills

Computer Skill Python, SQL,Cloud Computing, Matlab
People Skill Emotional Intelligent, Team Player, Sociable
Communication Skill Written and Oral
Computational Skill Numerical, Analytical and Research