# Thomas Torku

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

in LinkedIn
○ Github
🌐 Website

## 🎓 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