Thomas Torku

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in LinkedIn
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🌐 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

JPMorgan Chase   Sept 2023 – Present
Quantitative Analyst Associate Sr   *Columbus, OH*
- Utilize pandas and python for data preprocessing
- Utilize NLP and LLM for predictive and generative tasks

JPMorgan Chase   June 2023 – Sept. 2023
Quantitative Analyst Summer Associate   *Columbus, OH*
- Utilize pandas, SQL, and python for data preprocessing
- Work on data-driven models
- Develop an understanding of data-driven models

Middle Tennessee State University   August 2016 – July 2023
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

Present Value Models for Marketing Campaigns

> Deployed predictive present value model.

Predicting Stock Market Trends

> Deployed deep learning tools to predict stock market trends.

⚙ Skills

Computer Skill   Python, SQL,GCP, AWS, Matlab, Cloud Computing

People Skill   Emotional Intelligent, Team Player, Sociable

Communication Skill   Written and Oral

Computational Skill   Numerical, Analytical and Research