

# Caleighia Walters

Machine Learning Engineer (Aspiring) | New York, NY

## Professional Summary

As a Computer Science graduate, I am driven to provide innovative solutions in AI and data science. Skilled at developing scalable software systems, analyzing large datasets, and utilizing machine learning to solve real-world challenges. Recognized for leadership, inventiveness, and effective teamwork. Seeking to provide skills as a Machine Learning Engineer with a leading technology business in New York.

## Education

**University of Technology, Jamaica** — Kingston, Jamaica

Bachelor of Science in Computing, Major: Computer Science

*Expected Graduation: 2028*

**Coursework:** Web Programming, Artificial Intelligence, Data Structures & Algorithms, Database Systems, Software Engineering

**Capstone Project:** AI-driven system for detecting cyberbullying on social media platforms using Natural Language Processing (NLP)

## Work Experience

**Google, New York, NY (Future Internship - Summer 2027)**

*Machine Learning Intern*

- 1 Designed and deployed a machine learning model that improved personalized recommendations in Google Cloud Marketplace by 15%.
- 2 Collaborated with a cross-functional team of engineers and product managers to integrate AI features into existing services.
- 3 Contributed to open-source tools for scalable AI model training.

**IBM Research, New York, NY (Future Internship - Summer 2028)**

*AI Research Assistant*

- 1 Assisted in developing predictive models for healthcare applications using Python, TensorFlow, and R.
- 2 Published co-authored research on AI for Early Disease Detection in IEEE conference proceedings.
- 3 Optimized data pipelines, reducing processing time by 20%.

## Projects

- 1 Cyberbullying Detection System (2027) — NLP-based model with 92% accuracy using Python.
- 2 Personal Finance Mobile App (2028) — Cross-platform budgeting app built with Flutter.

## Skills

- 1 Programming: Python, C, C++, Java, SQL, JavaScript
- 2 Machine Learning & AI: TensorFlow, PyTorch, Scikit-learn, NLP, Computer Vision
- 3 Cloud Platforms: AWS, Azure, Google Cloud

- 4 Databases: MySQL, PostgreSQL, MongoDB
- 5 Other Tools: Git, Docker, Kubernetes, Tableau, Power BI

## **Leadership & Activities**

- 1 President, UTech Computing Society (2027-2028) - Led workshops and hackathons on AI and cybersecurity.
- 2 Member, IEEE Computer Society
- 3 Member, Key Club society

## **Vision**

To become a world-renowned AI innovator, leading transformative projects that shape the future of technology and improve global quality of life.

## **Mission**

To continuously learn, build, and apply advanced computing solutions while empowering others through mentorship and collaboration, creating meaningful impact through technology.