

## Contact

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## Top Skills

Machine Learning  
Data Science  
Research

## Certifications

Advanced Machine Learning  
Specialization  
IBM Data Science Professional  
Certificate  
Introduction to Project Management  
Principles and Practices  
Specialization  
TensorFlow: Data and Deployment  
Specialization  
Machine Learning Scientist with  
Python

## Honors-Awards

Oracle Academy Student Hackathon  
Award: Data Science Track  
Youth Urban Resilience Hackathon  
Challenge

# Kennedy Kamande Wangari

Natural Language Processing Engineer || AI Community Leader ||  
Data Scientist  
Nairobi

## Summary

Kennedy Wangari is a highly talented and dedicated Natural Language Processing Engineer, an AI Community Leader, and Innovator.

He has created unparalleled connections and provided incredible value within the data science community around the world, working in the enterprise sector to solve really hard, but interesting and meaningful business problems, invited to speak at various local and global highly esteemed AI Workshops and meetups.

As a Data Scientist, Kennedy focuses on Marketing and Financial Intelligence to drive and achieve company's marketing and financial goals through building intelligent and smart data products.

His research work focuses on tackling problems in Natural Language Understanding majoring in Automatic Text Summarization, Question Answering, and Information Extraction areas. He is building end to end, efficient and self-learning NLP solutions that seek to address complexities in true understanding of natural language utterances and its unspoken components, moving from just clicks to seamless conversations.

He takes leads in championing Artificial Intelligence for Social Good, tackling and solving complex business and societal problems/challenges through the lens of the UN SDGs. His work is geared towards making real-world social, health, wellbeing, and financial impact for companies and people's lives, and bringing the world into a more equitable, prosperous, and sustainable path.

As an AI Community Leader and Innovator, he is passionate about tech communities, innovations, and harnessing the power of data and AI technology to make a better and easier tomorrow.

He is actively involved with various AI Hubs and data-centric communities (AWS Educate Cloud Ambassador Program, deeplearning.ai Ambassador, and the Google Developer Student Clubs), empowering, supporting, mentoring, and strengthening them, to build, innovate, shape, transform and ride with the wave of Artificial Intelligence.

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## Experience

Amazon Web Services (AWS)  
AWS Educate Cloud Ambassador  
April 2020 - Present (5 months)  
Seattle, Washington, United States

Building the JKUAT AWS Cloud Community that hosts sessions and activities that deepen and equip scholars with AWS Cloud Computing skills and machine learning competencies. I am leading a team of 6 students to complete the 5 AWS Cloud Career Pathway Certifications and 2 start-ups to secure the AWS Activate Credits, providing them with low cost, easy to use infrastructure for growth and scalability.

deeplearning.ai  
10 months

Student Mentor  
June 2020 - Present (3 months)

Providing technical support, assistance to Natural Language Processing Specialization Learners in the discussion forums at Coursera. Giving feedback, encouraging discussions in the forum and maintaining a safe, fun, and productive atmosphere in the course forums by increasing interactions among #NLP Learners.

deeplearning.ai Ambassador  
November 2019 - Present (10 months)

Building, strengthening, and empowering data science ecosystems in Kenya through Pie & AI Meetup sessions. Negotiated and fostered partnerships, collaborations, and deepened relationships with Kenyan AI Hubs secured 3 scholars' innovations funding and equipped 40 scholars informed with machine learning and cloud computing competencies.

ConfluxAI  
Data Scientist

January 2020 - Present (8 months)

Westlands, Nairobi, Kenya

Architecture, built and integrated machine learning and data science pipelines, statistical models, and generated insights from customer and sales data, consequently boosting the ROI in marketing strategies with 3.2%, refined and aligned marketing analytics with financial goals.

Omdena

Machine Learning Engineer

October 2019 - June 2020 (9 months)

Orange County, California Area

Collaboratively worked with a team of 38 AI Engineers, developed and optimized an AI technology collaboratively, that accurately detects real fire outbreaks (smoke and flames) in forests and plantations, reducing the fire detection time more than 95% of the time from an average of 5 minutes to 1.5 minutes, with a recall evaluation metric of 96%.

NCBA Group

Data Scientist Intern

September 2019 - December 2019 (4 months)

Westlands, Nairobi Kenya

Researched, proposed, influenced, developed, and introduced a personalized private banking recommender system that if implemented, would advance and augment available portfolio optimization tools, increase income/profit to banks by cross-selling relevant financial products to customers and enhance customer lifetime value.

Moringa School

Campus Lead Ambassador

March 2019 - December 2019 (10 months)

Ngong Lane Plaza, Nairobi, Kenya

- Spearheading solution development initiatives, meetups and workshops in JKUAT.
- University and students' liaison and technology driven events management and coordination.
- Facilitating coding technology boot camps to high school students.

Commercial Bank of Africa (CBA Group)

Business Intelligence Analyst Intern

August 2018 - November 2018 (4 months)

Westlands, Nairobi Kenya

Analyzed and evaluated the departmental financial KPIs, metrics, built and implemented test plans that accelerated the interactive real-time reporting experience, boosted the business processes and operations that generated a maximized return on investments by 1.3%.

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## Education

### University of Michigan

Master of Applied Data Science, Artificial Intelligence · (2020 - 2022)

### Jomo Kenyatta University of Agriculture and Technology

Bsc. Information Technology, Artificial Intelligence ( Data Science, Deep Learning and Machine Learning) · (2016 - 2020)

### Starehe Boys' Centre and School

High School Education · (2012 - 2015)