

# LUCY W. MWANGI

## WEB DEVELOPER

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### Professional Summary

Aspiring software engineer with a strong foundation in React and Python, complemented by a keen interest and proficiency in AI technologies, particularly TensorFlow and DeepLearning.AI. Eager to learn from and contribute to a dynamic team like yours. Passionate about staying at the forefront of technology trends and applying cutting-edge approaches to software development.

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### Experience

#### CHESS KENYA (NATIONAL TEAM)

Chess player | March 2018 – October 2021

Had the honor of representing my country in international chess competitions.

#### DA VINXI'S CABIN

Educator | January 2021 – Present

I founded Da VinXi's Cabin, to provide tutoring services. Recently decided to turn it into an online platform that I have been building since December 2023 to provide free learning opportunities for both primary and high school learners in my community. The main aim of the academy will be to tailor learning to the student's needs using AI.

Before I decided to make it an online platform, as a solo educator, here are some of the tasks I performed:

- Developed a comprehensive curriculum that meets state educational standards and engages students in learning
- Utilized a variety of teaching methods to ensure understanding of complex topics
- Used technology to create engaging, interactive learning experiences
- Created a positive learning environment that promotes respect and collaboration

#### TERRIAN CHESS AFRICA

Chess Instructor | April 2022 – April 2023

- Developed individual training plans: Created personalized training plans for students based on their goals and needs.
  - Monitored progress and set goals: Tracked student progress and set achievable goals to motivate continued learning.
  - Prepared students for competition: Trained players for tournaments and matches, offering strategies and competition etiquette guidance
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## Education

### UNIVERSITY OF THE PEOPLE

Pasadena, CA | BS in Computer Science | November 2023 – Present

Secured a scholarship to commence my studies, for my first year of Computer Science degree at the University of the People. This is an achievement that underscores my academic potential. I am committed to maintaining high performance with the aspiration of earning additional funding for the subsequent years of my study.

### MICROVERSE

San Francisco, CA | Full-Stack Web Development | July 2023 – Jan 2024

Attended a Full-Stack Web Development Program, where I enhanced my software engineering skills.

### UNIVERSITY OF NAIROBI

Nairobi, KE | BS in Electrical Engineering | September 2016 – October 2019

Pursued a degree in Electrical Engineering for three years, gaining valuable knowledge and skills in the field. My education journey was paused due to unforeseen personal circumstances.

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## Courses

### DEEPLARNING.AI TENSORFLOW DEVELOPER PROFESSIONAL CERTIFICATE

#### Coursera

Mastering machine learning algorithms is also keeping me busy these days, thanks to a TensorFlow community stipend – their DeepLearning.AI course is mind-blowing!

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## Soft skills

- Self-motivation
- Tenacity
- Humility
- Curiosity
- Time management
- Decision making
- Leadership skills
- Energetic
- Teamwork
- Creativity
- Adaptability
- Critical thinking,
- Ability to work alone
- Ability to multitask.
- Problem solving
- Ability to work under pressure

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## Technical skills

- JavaScript/React
- Python
- AI research and study
- TensorFlow

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## References

### Brian Kidula

Terrian Chess Africa | Founder | +254 728 149290

### Dr. George N. Kamucha

University of Nairobi | Chairman-Dept. Electrical & Information Engineering|  
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### Student Success Team

Microverse | Student Org | support@microverse.zendesk.com