



YALI REGIONAL  
LEADERSHIP CENTER  
EAST AFRICA • NAIROBI

**Eiman Hassan Adam Mohamed**

**Cohort 45 – Sudan**

**Track - Civic Leadership**

## Coding on The Nile



Eiman Hassan is a Sudanese engineer, civic leader, a postgraduate student of social work and a future After the Sudanese Uprising of December 2018, she founded the East Nile Youth Organization (ENYO). Today, the organization is fully registered where she is the lead of programs, supervising six personnel. One of her achievements is ‘Teaching Scratch Programming Language to School Children’ project an ongoing project, where they have managed to teach 130 children from East Nile locality, the vast majority of whom are children enrolled in public schools with no access to technology education. 5 of the children have hearing impairment and they utilize inclusive teaching methods and assistive technologies to promote diversity and inclusivity. Eiman, through her networks, stakeholder engagement and resource mobilization skills gained from YALI RLC EA, she has partnered with a number national, international, governmental, and non-governmental agencies to collaborate in this project.

Eiman isn't prepared to wait around for change to happen and through the partnerships and networks gained she plans to train over 500 kids in coding. She believes that change has to be led by the community, for the community. East Nile Youth Organization (ENYO) launched in 2022, supports economic and social development in her hometown of East Nile, Khartoum. Coding for kids will break down barriers to technology for women and girls, and create a generation of young vibrant Sudanese who will be tech savvy in problem-solving, creativity, and computational thinking.

### YALI RLC EA Transformation

“One major area of the training that interested me was design thinking. This is a process that prioritizes the consumer's needs above all else when solving problems. We went through the entire process, from empathy to problem definition to prototyping and testing the solution. We were encouraged to apply this process to our own projects, which we later presented to the judges for evaluation.

I saw first-hand how design thinking with the community could transform ENYO by creating human-centered solutions for schools and communities. To date, the organization has trained over 500 kids in coding lessons.

It hasn't always been easy, Eiman has had to overcome power cuts, political unrest, and a lack of funding and resources- But the support and enthusiasm of her colleagues have kept her motivated. One of the major partners who came through to support her initiative is the British Council Sudan which donated laptops.

Inspired by the diversity and inclusivity at YALI, Eiman is dedicated to making her coding lessons accessible to all by using the available resources to optimize the outcomes and improve her organization's business processes.



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Most of her learners are girls, and many have hearing impairments. She aims to open up the sessions to more disabled children and to schools in poorer communities, to ensure accessibility to anyone who wants to learn.

After graduating from the RLC EA, she trained her teachers on skills and lessons acquired from the one-month training in Nairobi in order to expand and diversify the coding lessons. She believes that this will have a ripple effect in the community and inspire far-reaching change long into the future.



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