



AYA RESEARCH LAB



**WHAT YOU DO HERE
IMPROVE EDUCATIONAL
OUTCOMES IN THE AFRICAN
CONTINENT.**

**CREATE AND INNOVATE IN SDG4
PROGRAM 2022**

BY FATOU HYDRA AND EMAMSY MBOSSA

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A Warm Welcome From our Founders

Welcome to AYA Research Lab! This is such a special moment for African Youth Architects. What you do here improve educational outcomes in the African continent.

AYA Research Lab is a project of African Youth Architects that spotlights promising approaches to persistent challenges in Africa's education systems. Testing technologies that help innovate teaching methods, focusing on an inclusive approach, that can take into account the needs of every student, boost teamwork and problem solving.

Our goal is to create a new conversation that connects parents, students and educators to drive innovative solutions.

Thank you for taking the time to learn about AYA Research Lab. We would like to extend an open invitation to you to present your findings, share ideas and exchange perspectives.

Sincerely,

Fatou Hydra and Emamsy Mbossa

Funded in**2018**

10000+
underprivileged students in
Africa been served

20+Programs
100+Meetings Hold

Oriented **1000** rural
parents in The Africa

Beneficiaries

- Underprivileged Children
- Primary teachers
- Parents
- Public primary schools
- Young entrepreneurs

Goals

- Enriching the quality of education
- Serving the community and supporting Young Entrepreneurs in Africa.

STUDENTS
SPEAK OUT
SUMMIT 2020

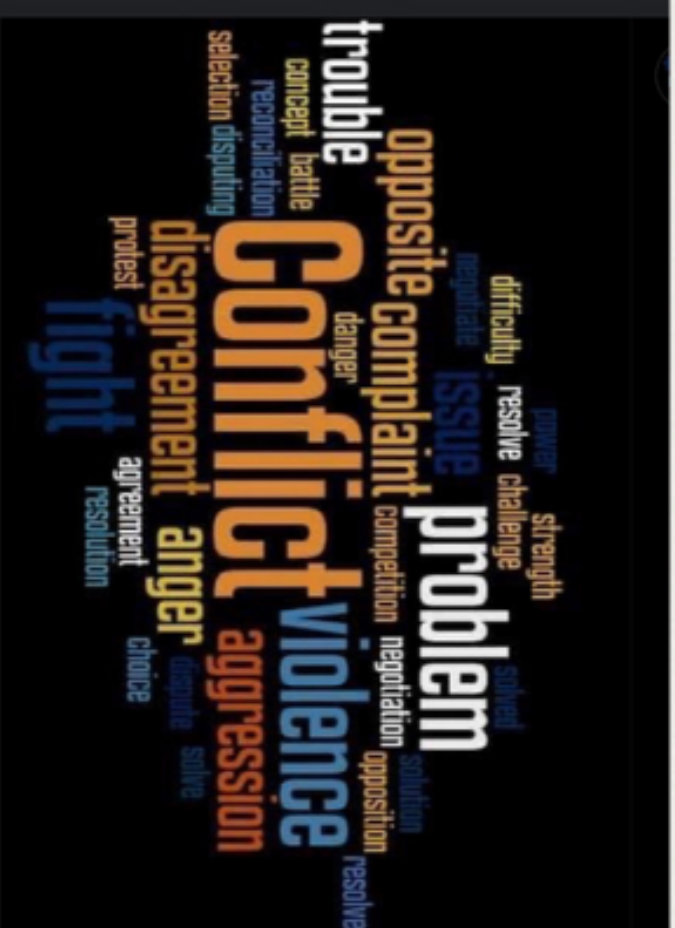
SPEAKERS

AYA RESEARCH LAB
CREATE AND INNOVATE IN SDG4

2021



Young African Leaders Awards



Peace & Conflict Resolution Program



School renovation Project.,

It is an immensely important step in our goal to renovate primary schools in Africa.



We launched COVID-19 Emergency Relief Fund



Development Network for Action (DNA)



Abdullahi Mohammed Hussein President of AYA Research Lab

Abdullahi is a hardworking and experienced executive with years of professional experience in leadership, practical fieldwork, operation, management and scientific research in aspects of climate change, environmental management and nature conservation to build sustainable habitat and resilient community.

He is an effective communicator, motivator who excels, identifies and leverages the strengths of every team member, and empowering them to achieve organizational goals.

Abdullahi is an inspired Pan Africanist who is currently pursuing a Ph.D. in Environmental Engineering from Pamukkale University; he demonstrated history of being a relentless optimist who sees failure as valuable experience.

He believes if we all engage to ensure that today's growth initiatives represent the spirit and audacity of the people, only such a prerogative will determine the prospects for sustainable development and global peace.

ABOUT AYA RESEARCH LAB

OVERVIEW

AYA Research Lab was founded from the recommendations raised during the Students Speak Out Summit, organized by African Youth Architects in 2020.

Nearly 3000 young participants from colleges, high schools, youth activist members, educators, parents, and the community representatives attended the intensive five days of discussions about the global crises caused by the pandemic of COVID-19 and its threats to achieving the United Nation SDG4-Education 2030 targets and commitments.

The collage features several key elements from the summit:

- Top Left:** A video feed showing the AYA TEAM with members Sidone Felix M. Louche and Pate Rogers.
- Top Center:** A presentation titled "SNAI3: VALUES" with a Venn diagram showing the intersection of SIMPLICITY, NOVELTY, CREATIVITY, EMPOWERING OUR COMMUNITY, and ACCESSIBILITY.
- Top Right:** A slide titled "FOR STUDENTS IN SCHOOL:" with advice for students without regular internet access, such as downloading materials at internet cafes and finding mentors.
- Middle Left:** A presentation titled "Innovations In Education" with a list of requirements: being proactive at looking at problems and ensuring education does not affect good health and wellbeing.
- Middle Center:** A video feed of Elana Wong-UNMGCY.
- Middle Right:** A presentation titled "INNOVATIVE EDUCATION FOR AFRICA".
- Bottom Left:** A presentation titled "21st CENTURY EDUCATION SYSTEM MODEL" with a circular diagram showing "SOCIAL IMPACT" and "BRIGHT FUTURE".
- Bottom Center:** A presentation titled "You are a change-maker: Education in Africa" by Janani Mohan, Executive Director of Dweebs Global.
- Bottom Right:** A presentation titled "SOLUTIONS/RAMIFICATION" with a list of solutions including investing in education alongside health, improving digital skills, and monitoring learning processes.

At the bottom, there are social media live stream banners for "STUDENTS SPEAK OUT SUMMIT 2020" with a "LIVE" indicator and a prompt to "Leave your thoughts and questions on the comment section!".

VISION



Africa's education system has not always adjusted its methods. AYA Research Lab aims to fill this gap by combining knowledge management and researching skills focusing on the current challenges in Africa's education systems and bringing new innovations and approaches to tackle those obstacles. Our goal is to make breakthroughs in everything from publications not only for AYA alumnus but also partners, scholars, academicians, practitioners, policymakers and researchers to present and exhibit their ideas, works (Articles, scientific papers, journals, etc.) and to use the learning outcomes for the development and improvement of the African education system and to bring new ideas that focuses on the future developments.

MISSION

AYA Research Lab provides professional training, coaching, mentoring and application of scientific approaches on educational development that aims to improve educational outcomes in the African continent.

OBJECTIVES:

- Supporting scientific qualities on research development in Africa's educational systems.
- Inspiring the contemporary approaches of the AU agenda 2063 and targets, inspirations and commitments.
- Bringing new learning alternatives to the current COVID-19 era on SDG4.
- Promote the renewal of the school infrastructures by rethinking the spaces, in a way that is functional to the development of new learning methodologies.
- Advocate, inspire and enhance creativity and innovation in Primary and Higher Education in Africa.
- Providing a platform where learners can present their findings, share ideas and exchange perspectives.
- To present and exhibit their ideas, works (Articles, scientific papers, journals, etc.)
- Deliver workshops, training, seminars, and other events that support the utilization of relevant knowledge and its management.

Students Speak Out Summit

21 - 25 September 2020 Virtual

OUTCOMES AND RECOMMENDATIONS

African Youth Architects gives students a platform to speak out on the impact of COVID-19 on student achievement, gathered incredible speakers and thinkers from reputable universities and NGOs around the world for five days of dynamic conversations, enlightening debates, insights, and inspiration to help, share innovative ideas and think deeply on how to address the big challenges in education due to COVID-19 pandemic.

This 5 day summit provided an opportunity for students, parents, teachers, families, policy makers, government, non government to learn about revolutionary ideas and strategist for tackling the education crisis due to COVID-19 outbreak. This summit also provide a unique opportunity to learn key insights and ideas from experts from around the world.

STUDENTS
SPEAK OUT
SUMMIT 2020

SPEAKERS



OUR SPEAKERS COME FROM REPUTABLE
UNIVERSITIES AND NGOs AROUND THE WORLD

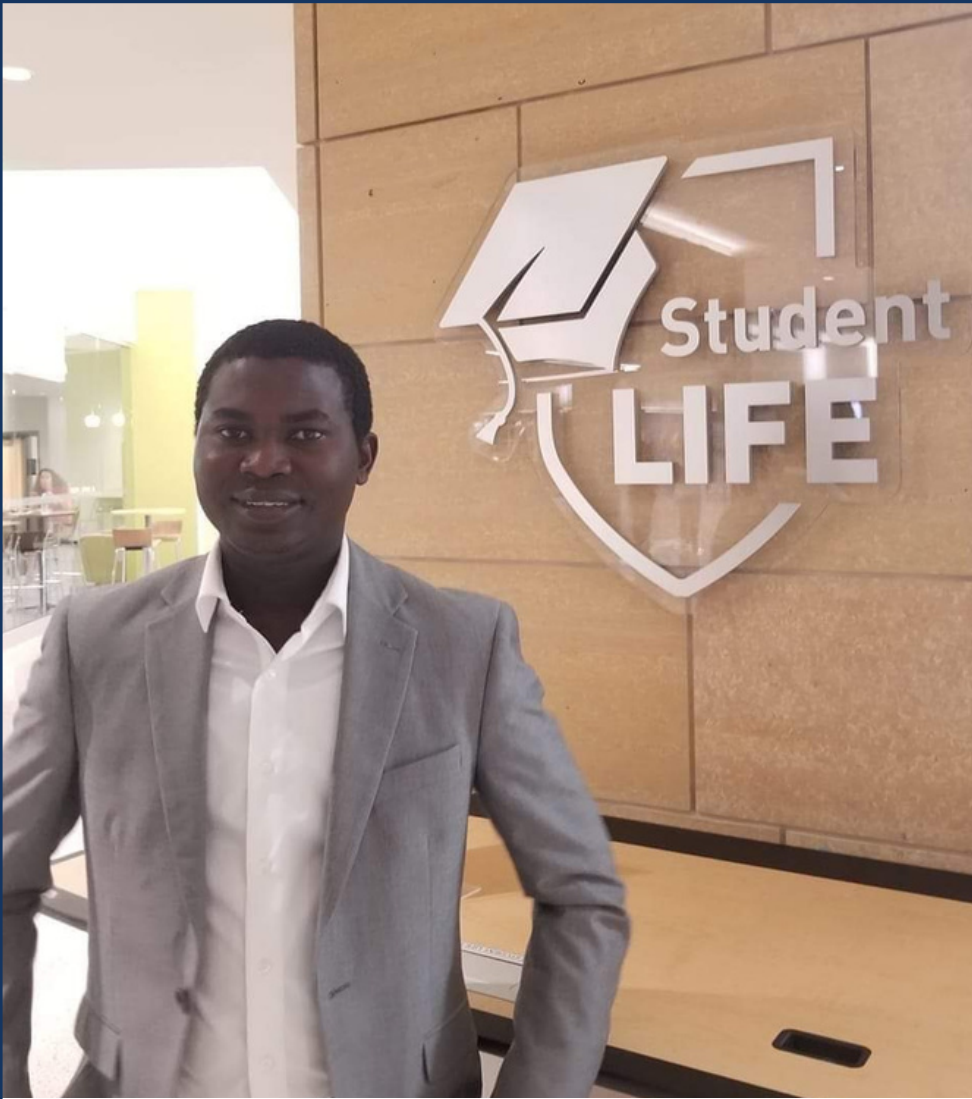


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**STUDENTS SPEAK OUT
SUMMIT QUESTIONS**

Session 1 covered The impact of COVID-19 on students achievement and what it may mean for educators.



OUSMAN J DARBOE
USA

During COVID-19, there has been a scramble to find technology to support learning at home especially in Africa where the majority of the students don't have internet access or digital devices at home. What innovative methods can we use for such in future? How prepared should we be in the next 10 years to come?



STACEY FRU
South Africa

We have to see COVID-19 pandemic as something to be tackled in the short term and as a vital opportunity to rethink much of what we do in such a crisis. How could education change for the better, now and post COVID-19 pandemic?



ALICE
Italy

It has been months since students stop going to school, many still don't receive the education they deserve. What is the future of education?



BALKISA NDEMNSA
Cameroon

During COVID-19, there has been a scramble to find technology to support learning at home especially in Africa where the majority of the students don't have internet access or digital devices at home. What innovative methods can we use for such in future? How prepared should we be in the next 10 years to come?



JANANI MOHAN
USA

COVID-19 pushed governments to accelerate their efforts in the educational sector. What major issues should governments put attention to when developing their plans and programs in the future for education systems?

Session 2: Education after COVID-19



**SALIMATOU
DOUMBOUYA
USA**

Can our education actions help build more resilient education systems for the future?



**DR. BUSAINA
NAZZAL
Palestine**

What COVID-19 can teach us about the future of education?



**SAIKOU JABBI
Taiwan**

We have one decade to achieve United Nations SDG4 (To ensure inclusive and equitable quality education and promote lifelong learning opportunities for all). How prepared should we be?



**FONBAN
EMMANUEL
LENDZEMO
Cameroon**

How to facilitate future oriented development in education?

Session 3: Innovation in Education



KAWSU JABBI
The Gambia

How we can use technology to promote quality education in Africa?



SIDOINE FELIX M. LEUDJIE
Cameroon

How can countries be more thoughtful and be realistic about what innovation means in education?



ZAKARIA ISURABIL
Ghana

What are the possible ways to bring students into the process of making decisions that are right for the schools and the teachers who educate them?



PETER R ROGINA
USA

Should education leaders spend too much chasing the latest technology rather than maintaining what they have?



YAAKOUB
BENARAB
Algeria

What should be the New Vision for Education?



PRISCA
Onyegwara
USA

The COVID-19 outbreak is a major education crisis. How can we improve the learning abilities/ opportunities of students in developing countries?

Session 4: Debate over school closures during COVID-19 pandemic.



BUBA L. FATTY
The Gambia

If remote learning continues to be an important element of education next year, as a panelist, what can countries be doing now to ensure its success next year.



AMAL ROUABHIA
Tunisia

What sort of learning have students experienced during this pandemic and from your personal experience, how effective are the strategies put in place?



ELANA WONG
Malaysia

School closure widens learning inequalities and hurt students disproportionately. How can parents and teachers make learning from home more interesting for students during this pandemic?



**FATOUMATTA P
FOFANA**
The Gambia

Should education leaders spend too much chasing the latest technology rather than maintaining what they have?



LEVY NYIRENDA
Zambia

According to UNESCO, 60.5 percent of the world's student population is affected by school closures, 1.05 billion learners out of school, and 109 countries affected by school closures. From your perspective, how can we better help these students?



The recommendations that raised from the summit included the following:



- New advancements should be made to our schooling systems. It is safe to say that the educational systems used all over the world have to change, and do so forever.
- Educators are meant to find ways to assess students to understand where they are both academically and socially. They must work with students to catch-up and set learning goals for the year that are reachable.
- If the future is to be sustainable, it must be planned collaboratively. That means Our goal is to create a new conversation that connects parents, students and educators to drive innovative solutions.
- If you don't have regular internet access, download materials at internet cafes for learning. There are many materials online to learn from
- If do have regular access online, you can set up free meetings with mentors/instructors online or take courses on site like Coursera & Udemy for free
- Find a mentor in your area who can teach something not from textbooks
- Wide space is provided for which sufficient learning materials are acquired. One of the most important changes in education is in the form of distance learning. Where teachers and Students dictate their own learning pace. With struggling economic situations being contemporary for Sub-Saharan Africa, creating community internet cafes to make online learning suitable for most African tertiary students.
- Encourage More Self-learners ;
Not just good students->good employees
- Evidence can show what is possible. Train educators and students in technologies, introduction of new ideas, and tools for overcoming resistance to innovative change, and critique the most effective strategies to effectively implement innovation in education and to have "21st century skills" such as creative thinking and problem solving.
- Invest in Education alongside health.
- Encourage entrepreneurship.
- Invest in technology(Upgrading technological infrastructure) Revise content of the curriculum.
- A Safe Space for Talent/Passion Discovery.
- Balancing Individual and Society needs



**SELECTED QUOTATIONS FROM THE
SUMMIT SPEAKERS.**



“

We need to adopt educational programs to the actual technology and give them the thinking they possess so that they create technology in the future.

”

Yaakoub Benerab
Founder/CEO SNAI3



“

As humans it is only natural that we learn by doing even if we fail, we always strive to do better.

”

Stacey Fru
Founder Stacey Fru Foundation

A man in a dark suit, white shirt, and patterned tie is speaking. He has his hands clasped in front of him and is holding a tablet in his left hand. The background is dark with some teal lighting.

“

Purposeful Education
is a cardinal Goal of
every Government.

”

Sidoine Felix M. Leudjie
Youth Empowerment Expert



“

Not necessarily about
Technology or
Invention basically
doing things in a new
way.

”

Prisca Onyegwara
Founder Excellent Health for Africa Initiative

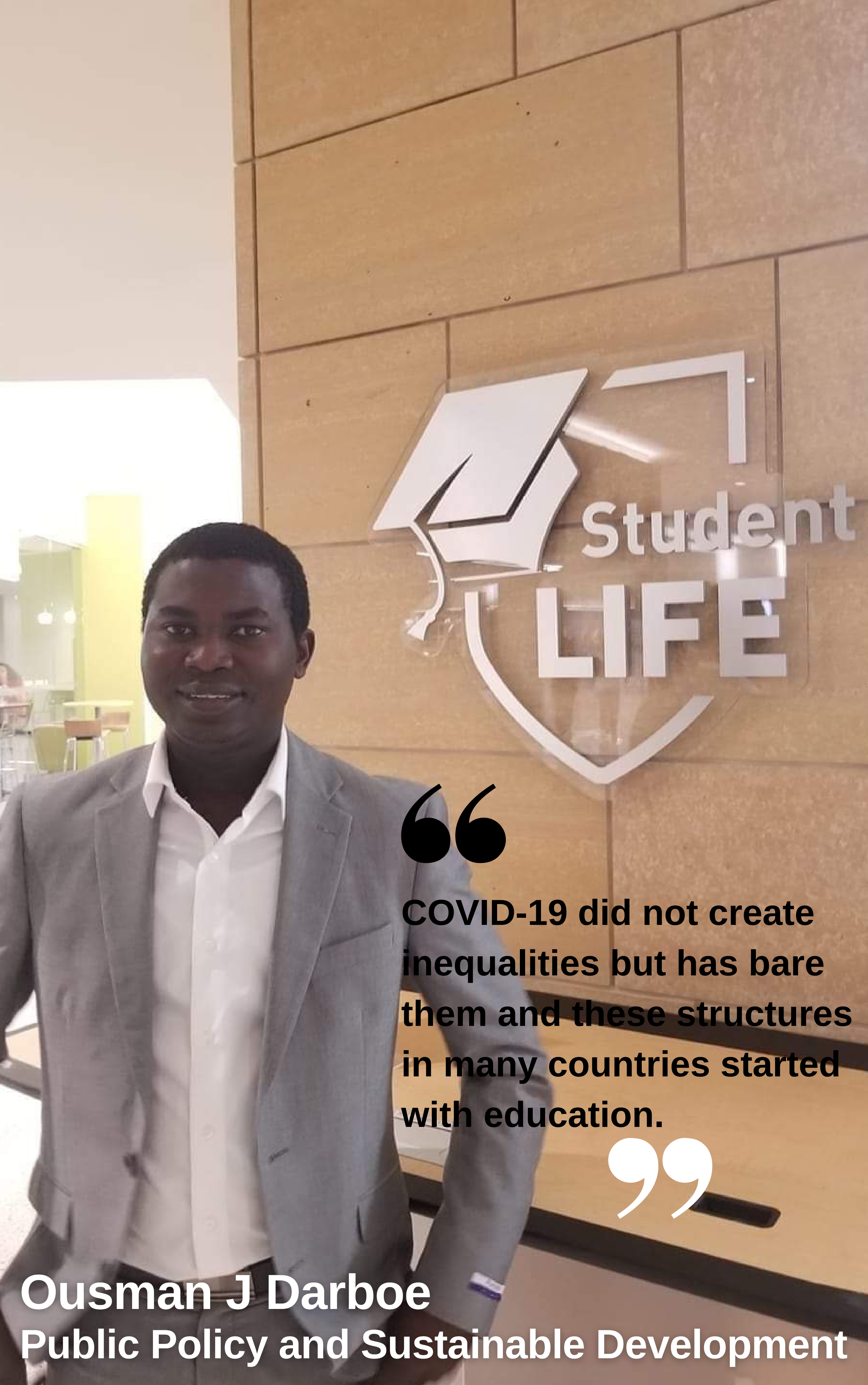


“

Accept
Innovation,
Don't let the
fear of
CHANGE
stop you.

”

Saikou Jabbi
Financial Analyst
CEO/ CO-Founder of NGI Investment Group



“

COVID-19 did not create inequalities but has bare them and these structures in many countries started with education.

”

Ousman J Darboe
Public Policy and Sustainable Development



**From the Students Speak Out
Summit recommendations.**

**We are charting a new course to
enhance creativity and innovation in
achieving the United Nations SDG4
2030 targets and commitments.**

CREATE AND INNOVATE IN SDG4



We analyze policies and identify evidenced-based solutions to tackle today's most pressing educational challenges in Africa, through collaborations with students and teachers at leading institutions around Africa such as Fourah Bay College, University of The Gambia, The Gambia College, University of Management and Technology, Institute of Public Administration and Management, Crown Technical University College, and Milton Margai Technical University.

OUR STUDENTS COMES FROM LEADING INSTITUTIONS AROUND AFRICA.



OUR GOAL

- Our goal is to create a new conversation that connects parents, students and educators to drive innovative solutions.
- Provide African students with unique opportunity to explore case studies of leading innovations in United Nation SDG4 2030 targets and commitments.
- Provide students with details of the various important contextual factors which influence innovation processes in Education in developing countries.
- Introduce ideas, strategies, and tools for overcoming resistance to innovative change, and critique the most effective strategies to effectively implement creative innovation in the United Nation SDG4.

EXPERIENCE & IMPACT

Every single person has their own unique reason for joining Create and Innovate in SDG4 (CISDG4) Program.

CISDG4 2022 will bring you an unforgettable experience, network with like-minded high-leadership potential individuals with diverse backgrounds from around the world and a global platform to discuss innovative and exciting ideas.

Wide space is provided for Collaborative learning, Improved your leadership skills, honed your problem-solving abilities, and made many meaningful connections with passionate change-makers around the world.

AYA RESEARCH LAB 

CREATE AND INNOVATE IN SDG4

2021

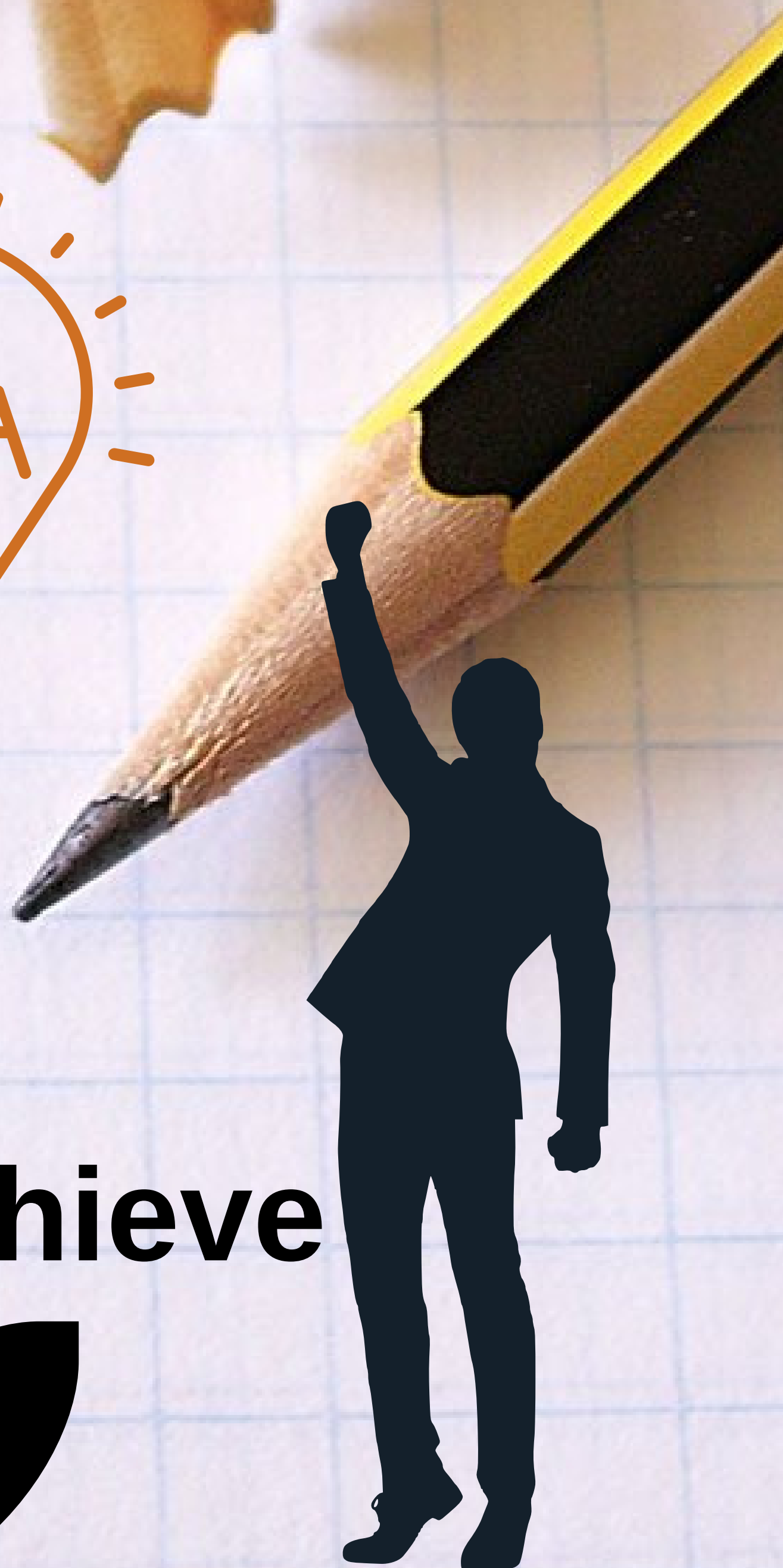
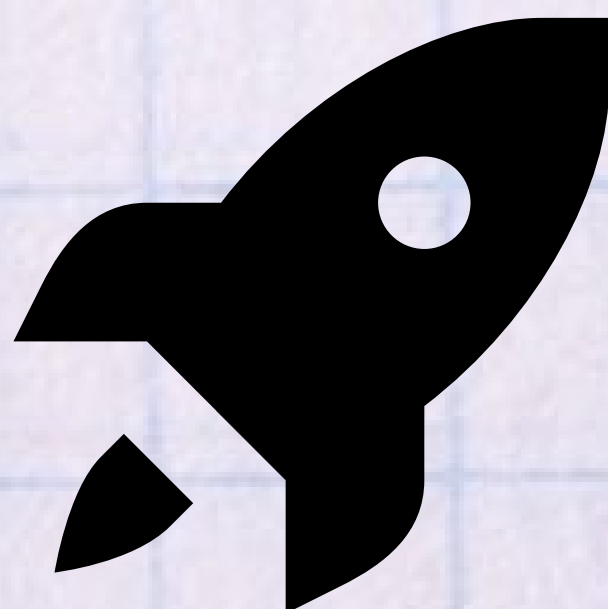
Create



Think



Achieve





AYA RESEARCH LAB



THINK. CREATE. ACHIEVE