

## DESCRIPTION & MISSION -

*What is the program about? What is the mission statement for this program?*

We can make the minority tech community stronger, safer, and provide opportunities to the communities we serve. We can revitalize communities worldwide and make the future brighter for the next generation. We're starting with a strong foundation. AfricanCEO and MOHBILITY & CiTEDD have teamed up to create AfricanCEO, a pilot program, to put the plan into action.

AfricanCEO is an organization that will enhance members' knowledge through technology-driven education working one-on-one with youth/young adults globally. AfricanCEO will use traditional academic content with applied learning concepts with a significant portion being devoted to practical study in a lab environment in the cloud located in **Los Angeles, California**.

AfricanCEO will engage full-time staff members plus activate volunteers as caring mentors for children and young adults from the surrounding area.

## GOAL STATEMENT -

*What is the purpose of the program? What is the vision for this program?*

Through consistent and prolonged interaction with mentors, the mission in the first year of the program would be for its members to become more invested in their education trajectory, problem-solving skills, communication, and future workforce skills. In the long-term, members would demonstrate an improved attitude toward technology-driven processes and adopt a "future thinking" mindset which, along with improved self-perception, would support the student's future academic success and knowledge in technology-driven areas. The experience in a business environment will enable members to visualize that future made possible through education and assistance in shaping new career aspirations.

## BOARD AND MEMBERS & STAFF OF ORGANIZATION -

*Who are the governing team for the program? What value do each of them bring this program?*

<b>Mohammed K. Bility,</b>	<i>Board Chairman, MOHBILITY &amp; CiTEDD</i>
<b>Ronnie Samuel,</b>	<i>President &amp; Managing Director, CiTEDD</i>
<b>Kenneth Fax,</b>	<i>Partner &amp; Managing Director, Alexander Networks</i>
<b>Aristide Sidibe,</b>	<i>Partner &amp; Director, CiTEDD</i>
<b>Caleb Darkwa,</b>	<i>Partner &amp; Director, CiTEDD</i>
<b>Leila Yousuf,</b>	<i>Partner &amp; Director, ADG Development</i>
<b>Noreen Makosewe,</b>	<i>Partner &amp; Director, Radical Leap Group Limited</i>
<b>Jona Lemonde,</b>	<i>Partner &amp; Managing Director, Ashanti Development</i>



The program proposed will be staffed with two (2) full-time program coordinators, three (3) part-time staff engineers, and one (1) administrative coordinator.

## GAP ANALYSIS (PROBLEM & SOLUTION) -

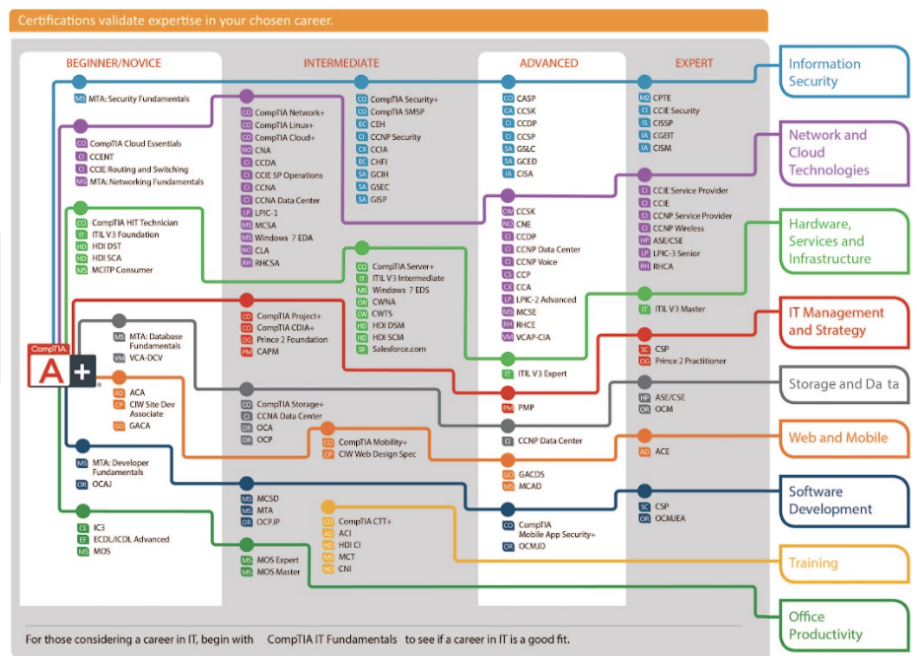
*What is the current problems in the communities? What is the solutions for this program?*

### PROBLEM

- Lack of IT training programs in the urban areas.
- High unemployment rate in the country.
- Lack of mentorship programs for the youth.

### SOLUTIONS

- Implemente a robust IT training and mentorship programs in the urban areas.
- Connect international partners with an affordable labor force in emerging markets.



## PROGRAM IMPACT AND OUTCOMES -

*What are the results for this program?*

AfricanCEO technology-driven mentorship and tutoring program will work one-on-one with members in a traditional academic and lab environment. AfricanCEO staff will train volunteers and provide on-site coaching throughout the program, creating an ideal environment to support the mentor/member relationship. Members are to report to a virtual location where they will meet weekly with their designated mentor. Each session begins with a group activity and then members will engage in reading and discussion with their mentors. Volunteers are trained to leverage the text information to identify with the member and engage their interests. Time at the end of the session is reserved for homework help, which provides an opportunity for members to receive support in subjects that might be challenging. Additional exercises are incorporated throughout the year, to develop higher-level academic skills and facilitate member-volunteer dialogue.



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AfricanCEO will impact members' attitudes toward learning through personalized instructions and constant encouragement, making reading a more social activity aligned with their technology-driven interests. AfricanCEO will train with pedagogical tools and interaction techniques to more effectively reach members. During each meeting, the AfricanCEO staff will provide constant support, helping to facilitate dialogue, encourage member participation, and coach volunteers to more effectively instruct members.

AfricanCEO provides members and volunteers the flexibility to shape the program to each member's academic needs. Catering to members' diverse experiences, the AfricanCEO curriculum offers CompTIA - Microsoft - Cisco - Computer Programming certification training. Volunteers initiate conversation around readings to challenge members' comprehension and get to know their interests. In addition to reading, each program incorporates tailored exercises to teach members about the host organization, facilitate member-mentor relationships, and push members to develop higher-level technology-driven skills.

## **CORE ELEMENTS / STRATEGIC IMPLEMENTATION -**

*What are the implementation methods for this program?*

The AfricanCEO program will serve 10 members per three-month session who will report to the satellite location three times a week for 12 weeks between October to December. Members will spend 4 hours at the AfricanCEO per session and 144 hours per 3-month program. After a short group discussion, members spend 45 to 50 minutes interacting one-on-one with their designated mentors. AfricanCEO staff and administrators select members who can best benefit from the program, targeting those who appear disengaged and who struggle with the curriculum.

The core elements of the program include consistent and prolonged interaction with an adult mentor, exposure to corporate environments, and technology-driven tutoring that both builds and engages members with their computer networking interests. AfricanCEO places emphasis on the mentorship component, encouraging volunteers to make a year commitment and stay with the same member as he or she progresses through the program. Volunteers undergo training each year, equipping them to effectively engage their members as they move into advancement.

The bulk of each session is devoted to reading (CompTIA - Microsoft - Cisco Certification - Computer Programming curriculum), and conversations prompted by these readings encourage members to identify with texts, cross-reference, and dig deeper into their interests. The curriculum will address more advanced academic skills and include diverse exercises. Drawing on successful innovations in the AfricanCEO program, this program will incorporate benchmarks and incentives to push each student to track and sustain technology-driven improvements. Members also spend considerable time in a lab environment where they are encouraged to apply what was taught in the classroom and see for themselves how, why, and what makes things work.

## **PARTNERSHIPS (COMMUNITY & CORPORATE) -**

*Who are the sponsors for this program?*



AfricanCEO and MOHBILITY & CiTEDD will host members during the AfricanCEO pilot program at their virtual location. These firms will provide additional volunteers, administrators, and staff for the program, AfricanCEO will recruit and retain the members to fill program positions.

### PROGRAM COMPLIANCE -

*What are the requirements for this program?*

- 3 month-long engagement
- Mentors will be housed at the AfricanCEO lab and will be responsible for closely monitoring student progress and performance indicators, including attendance, behavior, and academic achievement.
- Each member attends three sessions per week, each session will be 4 hours.
- The first weekly session is focused on completing a lesson plan to indicate academic placement; the second is focused on goal setting for future weeks.
- Each lunch session is 30-45 minutes
- Attendance is processed by check-in with a mentor and use of the social media application, foursquare. Once a member arrives at the lab, the member checks in with foursquare to show time and location accuracy.
- AfricanCEO uses 12 weeks of participation / 144 program hours to report outcomes of achievement.
- A program year also includes service projects for the African community; professional training and support to help participants take action as leaders; virtual college visits; special events and activities such as a mentor/mentee match virtual ceremony; a closing virtual ceremony.

### FINANCIALS -

*What is the cost of this program?*

#### AFRICANCEO STAFF

Executive Director	FT	Overseeing completion of the curriculum, Research Lead, Mentor. Travel required Event attendance Fundraising	\$68,200.00
ED-Assistant (intern)	PT		\$15,000.00
Program Director	FT	Runs curriculum, researches, mentor, and tutors members. Travel Required - Event attendance - Fundraising	\$49,400.00
PD-Assistant (intern)	PT	Help with community engagement and support	\$13,000.00
Program Coordinator	FT	Overseeing completion of the curriculum - Research Technology - Mentor members - Community Event attendance Fundraising	\$41,600.00



In-House Instructor	PT	Mentor members during lab hours - \$20.00/hr 25 hr week. 36 weeks	\$18,000.00
In-House Instructor	PT	Mentor members during lab hours - \$20.00/hr 25hr week. 36 weeks	\$18,000.00
<b>TOTAL</b>			<b>\$223,200.00</b>

**AFRICANCEO PROGRAM (PHYSICAL LOCATION)**

Cost per Member/quarter	10	Tool Kits - Course materials	<b>\$20,000</b>
AfricanCEO Lab			
Desktop Computers	10	Monitors, Keyboards, Hard Drives	\$15,000.00
Software	-	License for company	\$5,000.00
Laptops/Tablet/iPad	15	Laptops plus carrier with Docking system (possible android tablet and iPad)	\$15,000.00
Switches	4	Cisco Switches	\$3,000.00
Routers	3	Cisco Routers	\$3,000.00
Servers	2	Dell Servers	\$3,000.00
Printer	2	Laser/Network/Wireless	\$1,000.00
Lab space	12/months	Lab space for training	\$12,000.00
<b>TOTAL SUPPLIES</b>			<b>\$57,000.00</b>
<b>TOTAL FUNDING</b>		<b>TOTAL FUNDING REQUIRED &gt;&gt;&gt;&gt;&gt;</b>	<b>\$300,200.00</b>

**SYLLABUS & TOPIC OVERVIEW -**

*What will members will be learning in this program?*

1. HTML5 and A+ 901
2. CSS3: 5 weeks
3. JavaScript: 4 weeks
4. SQL: 7 weeks and A+902
5. PHP: 3 weeks
6. JQuery: 1 week

**Course Schedule**


<b>Dates/Hours</b>	<b>Topic: HTML Tutorial (5 weeks)</b>	<b>CompTIA Cert</b>
10/2 12 Hours	Ch 1: HTML Introduction Ch 2: HTML Editors Ch 3: HTML Basic Examples Ch 4: HTML Elements Ch 5: HTML Headings Ch 6: HTML Paragraphs	A+ 901 1.1-1.2
10/9 10 Hours	Ch 7: HTML Formatting Ch 8: HTML Comments Ch 9: HTML Links Ch 10::HTML Heads Ch11: HTML CSS	A+ 901 1.3-1.6
10/16 10 Hours	Ch 12: HTML Images Ch 13: HTML Tables Ch 14: HTML Lists Ch 15::HTML Blocks Ch 16: HTML Layout	A+ 901 1.7 - 1.9
10/23 8 Hours	Ch 17: HTML Forms Ch 18: HTML Iframe Ch 19: HTML Colors Ch 20::HTML Color Names	A+ 901 1.10 - 1.11
10/30 14 Hours	Ch 21: HTML Color values Ch 22: HTML Javascript Ch 23: HTML Entities Ch 24::HTML Symbols Ch 25: HTML Charset Ch 26: HTML URL Encode Ch 27: HTML XHTML	A+ 901 1.2 - Chapter 1 Practice exam
<b>Dates/Hours</b>	<b>Topic: CSS Tutorial (5 weeks)</b>	<b>CompTIA Cert</b>
11/7 12 Hours	Ch 1: CSS Introduction Ch 2: CSS Syntax Ch 3: CSS Selectors Ch 4::CSS How to Ch 5: CSS Backgrounds	A+ 901 2.3-2.4



	Ch 6: CSSText	
11/14 12 Hours	Ch 7: CSS Fonts Ch 8: CSS Links Ch 9: CSS Lists Ch 10: CSS Tables Ch 11: CSS Box Models Ch 12: CSS Border	A+ 901 2.5-2.8
11/21 12 Hours	Ch 13: CSS Outline Ch 14: CSS Margin Ch 15: CSS Padding Ch 16: CSS Dimension Ch 17: CSS Display Ch 18: CSS Positioning	A+ 901 2.9-2.10
11/28 12 Hours	Ch 19: CSS Floating Ch 20: CSS Align Ch 21: CSS Combinators Ch 22: CSS Pseudo-class Ch 23: CSS Pseudo-element Ch 24: CSS Navigation Bar	A+ 901 3.0-3.1
12/4 10 Hours	Ch 25: CSS Image Gallery Ch 26: CSS Image Opacity Ch 27: CSS Image Sprites Ch 28: CSS Media Types Ch 29: CSS Attr Selectors	A+ 901 3.2-3.3 Chapter 2 & 3 Practice exam
<b>Dates/Hours</b>	<b>Topic: JavaScript (4 weeks)</b>	<b>CompTIA Cert</b>
12/11 12 Hours	Ch 1: JavaScript Introduction Ch 2: JavaScript Where to Ch 3: JavaScript Output Ch 4: JavaScript Syntax Ch 5: JavaScript Comments Ch 6 JavaScript Variables	A+ 901 4.0-4.2
12/18 12 hours	Ch 7: JavaScript Data Types Ch 8: JavaScript Objects Ch 9: JavaScript Functions	A+ 901 4.3-4.4



	Ch 10: JavaScript Numbers Ch 11: JavaScript Strings Ch 12: JavaScript Dates	
12/25 12 hours	Ch 13: JavaScript Arrays Ch 14: JavaScript Booleans Ch 15: JavaScript Math Ch 16: JavaScript Operators Ch 17: JavaScript Comparisons Ch 18: JavaScript Conditions	A+ 901 5.0-5.2
1/1 12 hours	Ch 19: JavaScript Switch Ch 20: JavaScript Loop For Ch 21: JavaScript Loop While Ch 22: JavaScript Breaks Ch 23: JavaScript Errors Ch 24: JavaScript Validation Ch 25: JavaScript Reserved	A+ 901 5.3-5.4 Chapter 4 & 5 Practice exam
<b>Dates/Hours</b>	<b>Topic: SQL (7 weeks)</b>	<b>CompTIA Cert</b>
1/8 21 hours	Ch 1: SQL Introduction Ch 2: SQL Syntax Ch 3: SQL Select Ch 4: SQL Distinct Ch 5: SQL Where Ch 6: SQL And & Or Ch 7: SQL Order by	A+ 902 1.0-1.3
1/15 18 hours	Ch 8: SQL Insert into Ch 9: SQL Update Ch 10: SQL Delete Ch 11: SQL Injection Ch 12: SQL Select top Ch 13: SQL Like	A+ 902 1.4-1.6
1/22 18 hours	Ch 14: SQL Wildcards Ch 15: SQL In Ch 16: SQL Between Ch 17: SQL Aliases Ch 18: SQL Joins	A+ 902 1.7-1.9





	Ch 19: SQL Inner Join	
1/29 18 hours	Ch 20: SQL Left Join Ch 21: SQL Right Join Ch 22: SQL Full Join Ch 23: SQL Union Ch 24: SQL Select Into Ch 25: SQL Into Select	A+ 902 2.0-2.1
02/6 21 hours	Ch 26: SQL Create DB Ch 27: SQL Create Table Ch 28: SQL Constraints Ch 29: SQL Not null Ch 30: SQL Unique Ch 31: SQL Primary Key Ch 32: SQL Foreign Key	A+ 902 2.2-2.3
02/13 18 hours	Ch 33: SQL Check Ch 34: SQL Default Ch 35: SQL Create Index Ch 36: SQL Drop Ch 37: SQL Alter Ch 38: SQL Auto Increment	A+ 902 2.4-2.5
02/20 18 hours	Ch 39: SQL Views Ch 40: SQL Dates Ch 41: SQL Null Values Ch 42: SQL Null Functions Ch 43: SQL Data Types Ch 44: SQL DB Data Types	A+ 902 2.6 Chapter 1 & 2 Practice Exam
<b>Dates/Hours</b>	<b>Topic: PHP (3 weeks)</b>	<b>CompTIA Cert</b>
02/27 12 Hours	Ch 1: PHP Introduction Ch 2: PHP Install Ch 3: PHP Syntax Ch 4: PHP Variables Ch 5: PHP Echo / Print Ch 6: PHP Data Types	A+ 902 3.0-3.2
03/3	Ch 7: PHP String Functions	A+ 902



12 Hours	Ch 8: PHP Constants Ch 9: PHP Operators Ch 10: PHP If...else...elseif Ch 11: PHP Switch Ch 12: PHP While Loops	3.4-3.5
03/10 10 Hours	Ch 13: PHP For Loops Ch 14: PHP Functions Ch 15: PHP Arrays Ch 16: PHP Sorting Arrays Ch 17: PHP Superglobals	A+ 902 Chapter 3 Practice Exam and 1&2 Review Questions
<b>Dates/Hours</b>	<b>Topic: JQuery (1 week)</b>	<b>CompTIA Cert</b>
03/17 10 Hours	Ch 1: JQuery Introduction Ch 2: JQuery Install Ch 3: JQuery Syntax Ch 4: JQuery Selectors Ch 5: JQuery Events	A+ 902 Chapter 4 & Chapter 4 Practice Exam. (Can be extended another week 11/24)

