

Calvin Alongifor Zumbi

Electrical and Electronics Engineer

Cover Page

Calvin Alongifor, Zumbi

Electrical and Electronics Engineer

Current Address Contact: PCP-ACEFA, Regional Delegation of Agriculture, Buea, South West Region, Cameroon.	Phone:	(+237) – 655-134-720
	E-mail	zumbi15calvin@gmail.com
	Professional	calvin.zumbi@pcpacefa.org
	WhatsApp:	(+237) – 655-134-720

Career | Core Disciplines | Highlights

- Ready and open to challenges with a passion that utilizes my unique talent and experiences
- Enthusiastic and hardworking with a diverse scientific background
- Value driven team player as well as ability to work independently
- Result-oriented, self-driven, strong work ethics with ability to meet and surpass set targets
- History of creating collaborative work environments with multidisciplinary fields

A highly motivated and research-oriented professional with outstanding academic records and career experiences. Striving to achieve perfection in any given task and accustomed to working on challenging fields/projects.

Education | Research Experiences

2021.01

□ UDACITY

- Department of Security Engineering

- **Awards: Certificate of Completion**
- **Degree: UDACITY NanoDegree Certificate**

2015.10 – 2020.08

□ Catholic University of Cameroon | School of Engineering

- Department of Electrical Engineering

- **Awards: Second Class Upper Division [CGPA: 3.46/4.00]**
- **Degree: B.Eng [Electrical and Electronics Engineering]**
 - *Supervisor: Mr. Tchasso Tchoupo Pierre Paulin.*
 - *Research: "Design and construction of a Smart Home Security System"*
 - *Status: Successful*
 - *Results: Excellent*

■ Topics | Responsibilities:

This system was designed and a prototype built to detect the presence of intruders in the home and sound an alarm, protect the home's main door and gate with an RFID control system, detect the presence of fire in the home and sound an alarm; it was furnished with a bell system and a system for auto switching on and off of lights for energy saving.

2013.09 – 2015.08

❑ **Presbyterian Secondary School Bafut, Cameroon | High School**

- Department of Science

■ **Degree: GCE A' Level [Passed in all 5 papers]**

2018.09 – 2013.08

❑ **Presbyterian Secondary School Bafut, Cameroon | Secondary School**

- Department of Science

■ **Degree: GCE O' Level [Passed in all 11 papers]**

Professional | Research Experiences

2021.10 – Date

❑ **Program for the Consolidation and Sustainability of Agro-Pastoral Farms, Cameroon | PCP-ACEFA**

- Regional Coordination for the South West Region

■ **Job Title: Regional Information Systems Officer [RSI-R]**

■ **Responsibilities | Achievements:**

- *Providing specialized IT advice and training to Counsellors and Managers.*
- *Analysing and solving all IT related issues faced by all staff in the region in order to ensure the smooth functioning of the project.*
- *Scheduling and carrying out both preventive and curative maintenance on all IT related devices.*
- *Setting up and maintenance on all internal network systems including both INTRANET and Internet services.*

2021.01 – 2021.09

❑ **ADIPSTER Tech, Cameroon**

- Cameroon Branch

■ **Job Title: Feedback Coordinator**

■ **Responsibilities | Achievements:**

- *Managed and programmed the day-to-day activities of the Cameroon Feedback team.*
- *Provided daily feedback to management concerning the activities of the feedback team.*
- *Scheduling and carrying out both preventive and curative maintenance on the feedback team's IT devices.*
- *Software engineer*

2019.03 – 2019.09

❑ **The Cameroon Breweries Company, Douala | SABC**

- Koumassi Factory

■ **Job Title: Internship Student Engineer**

■ **Responsibilities | Achievements:**

- Got hands on experience working in a fully functional company's department of control and maintenance.
- Studied the GEBO CERMAX Shrink Wrapper and developed an effective system of maintenance for the machine.
- Participated in all daily meetings where the scheduling/planning of both preventive and curative maintenance was carried out.
- Participated and helped in all daily maintenance carried out at the factory.

2020.11 – 2021.01 | 2018.07 – 2018.10

☐ Industrial Attachment at MEGATEC, YAOUNDE, Cameroon

■ Job Title: Internship Student Engineer

■ Responsibilities | Achievements:

- Designed, simulated and constructed electronic circuits for companies and individuals.
- Cloned bad motherboards for replacement in machines.
- Programming microcontrollers.
- Mounting components on circuit boards.
- Reading and understanding datasheets.
- Exposing, Developing, Etching and Drilling PCBs.

2018.08 – 2018.09

☐ Industrial Attachment at MERIT MECAN, DOUALA, Cameroon

■ Job Title: Internship Student Engineer

■ Responsibilities | Achievements:

- Gained experience on how engineering processes are being carried out in an industrial setting.
- Dimensioning and producing mechanical machine parts of all shapes and sizes.

Languages | Technical | Relevant Skills

☐ Languages

LANGUAGE	WRITTEN	SPOKEN	READ
English [Native]	Excellent	Excellent	Excellent
French [Very Good]	Very Good	Very Good	Very Good

☐ Laboratory Techniques

■ Conception and System Design | Fabrication

- System conception
- Designing internal and external structures
- PCB Design
- Printing PCB
- Etching
- Layer alignment
- Drilling PCB
- Soldering components
- Solder mask application

☐ Computer Skills

■ Computer hardware skills

- System administration
- Network configuration
- Software installation,
- Tech support and computer security
- OS installation and manipulation; Windows, Mac OS, Linux, Ubuntu

■ Computer-Aided Design [CAD]

- Good in Proteus, AUTOCAD, SolidWorks

■ Web Development

- Professional websites with HTML, PHP and WordPress.

■ Computer Programming Skills

- C#, C++, Python,

■ Highly Professional – Hardware | Software

- MS Office: Word, Excel, Outlook, PowerPoint, Access.
- Google Drive Operations: Docs, Sheets, Slides, Forms

■ Microcontroller and PLC Programming Skills

- MicroC, MpLabXS, Simatic Step7

☐ Other Skills

■ Cameroon Driver's License

- Category B

Professional Affiliations | Achievements | Leadership

☐ Seminar | Conference | Trainings

- Workshop to reinforce the capacities of the personnel in charge of Information Systems (11/2022)

☐ Leadership Positions | Awards

- | ■ Position Organization/Association | 2018 – Current |
|---|----------------|
| ● Regional Information Systems Officer PCP-ACEFA SW | 2021 - Date |
| ● Feedback Coordinator Adipster tech | 2021 |
| ● Public Relations Officer CSES (CATUC Society of Engineering Students) | 2019 – 2020 |
| ● President of the Student's Representative Council CATUC Bamenda | 2019 – 2020 |

☐ Teaching | Seminars | Talks

- | | |
|--|---------|
| ■ PCP-ACEFA SW | 03/2022 |
| ● Attendees: All PCP-ACEFA Staff in the SW Region (181) | |
| ● Topic: Deployment and use of Microsoft Outlook | |
| ■ PCP-ACEFA SW | 04/2023 |
| ● Attendees: All PCP-ACEFA staff in the SW Region (181) | |
| ● Topic: Deployment and usage of the INTRANET service and all tools associated | |

□ References

NAME	INSTITUTION	EMAIL	CONTACT
Christopher Nchufor, MS	Regional Coordinator, PCP-ACEFA SW, Cameroon	c.kedji@pcpacefa.org	+237 656980630
Joseph Berinyuy, PhD	Associate Professor/PROVOST, School of Engineering CATUC, Cameroon	j.berinyuy@catuc.org	+237 677756982
Tcheula Lienou, MS	Controls Technical Project Lead, Trane Technologies, USA	tcheulalienou@gmail.com	+1 (405) 762 0610
Lenin Kum, PhD	Electrical, Electronics and Computer Engineer, Exponent Inc, USA	lwkum@exponent.com	+1 (201) 912 1992

Done in Buea on the 10/25/2023

