KAROL CHARLES KONARSKI

ELECTRICAL AND ELECTRONIC ENGINEER

EXECUTIVE SUMMARY

Karol is a young, dynamic, fresh Power System Engineering graduate from the Faculty of Engineering and Technology, University Of Buea, Cameroon. He is motivated to increase his competencies, skillsets, and mindset. Karol is passionate about automation, robotics, artificial intelligence & any technology-related skill. He aspires to become an iconic technopreneur in his community.

MY EXPERTISE

- Embedded System Programming
  - Arduino, ESP & Raspberry Pi
- Software Development - Vibe Coding
- CAD
  - Solidworks, AutoCAD, Fusion360, SketchUp, Proteus, KiCAD, Fritzing
- Microsoft Office
- PLC Programming
- MATLAB
- Leadership

English Language: Write, Speak, and Read
French Language: Write, Speak, and Read

HOW TO CONTACT ME

Address: Douala, Cameroon

Phone:
- (+237) 653-093-701
- (+237) 693-660-490

Email: kkonarski42@gmail.com
LinkedIn: Karol Charles Konarski

OTHER REFERENCES

- : @karlz_t / @karol_konarski
- : @Karol_CharlesK

Hobbies:
- Programming,
- Traveling,
- Sports: Football, Basketball, & Gym,
- Anime & Lecture
- Competitions & Hackathons

RELEVANT EXPERIENCE

Nanosatellite Missions Design Ltd, Douala - Cameroon
Full-Time, Chief Technical Officer | July 2024

- Responsible for the development and implementation of the company's technological vision, managing our technical teams by recruiting, training and supervising development teams.
- Project supervision and management, while ensuring a touch of innovation and budget management.
- Collaboration with other departments to align technological initiatives with the needs of the company.

ActivSpaces, Douala - Cameroon
Fixed Term Contract, Makerspace Consultant| March 2024 - June 2024

- Coordinate the setup, maintenance, and troubleshooting of the Mobile Makerspace equipment.
- Planning, coordinating, and executing technology workshops, training sessions, and demonstrations.
- Providing technical support and guidance to makerspace visitors, including addressing their inquiries and concerns.
- Collaborating with other team members to ensure the smooth operation of the mobile makerspace.
- Conducting research and staying up to date with the latest technological advancements relevant to the mobile lab's objectives

Orange Digital Center, Douala - Cameroon
Professional Internship, Intern | July 2023 - October 2023

- 2nd Winning Team Project at the Orange Summer Challenge 2023
- Development of sustainable solutions using IoT and AI
- Electronic engineer and designer - Team iNgeyaa
- Designed and built an intelligent and connected system to control a traffic light network effectively, using computer vision, artificial intelligence, and IoT communication protocols (HTTP, MQTT, and WiFi)

Valuable Vision, Strasbourg - France
Academic Internship, Intern | July 2022 - January 2023

- Electronics Department, Intern
- Mobile Development Apprentice
- 3D Modeling and Conception Apprentice
- Assisted in the development of the company's product and services

FREELANCE/PARALLEL EXPERIENCE

Nervtek, Buea - Cameroon

Volunteership, Chief Technical Officer | May 2021 - June 2023

- Decision-making to accomplish the company's vision of "building a tech ecosystem"
- Assisted the team in the completion of tasks, events, and projects.

Volunteership, Drone Technology Tutor | July - August (2021 & 2022)

- Nervtek Education- Kid BootCamp Program
- Pedagogic Training of Kids (7 - 17 years) on how to work with UAVs.

K3D Print, Cameroon

Business Ownership | Creation Date: May 2023

- 3D Design and Rendering of clients' products and projects
- 3D Printing of students' final year projects and clients' prototypes

SCHOOL BACKGROUND

B. ENG IN ELECTRICAL & ELECTRONIC ENGINEERING, 2023

- POWER SYSTEMS ENGINEER, Second Class Upper Division: 3.33/4.00 GPA
- UNIVERSITY OF BUEA, FACULTY OF ENGINEERING & TECHNOLOGY

CAMEROON GENERAL CERTIFICATE EXAMINATION A/LEVEL

- 5/5 PAPERS (1 A + 2 Bs + 2 Cs): Math Mechanics - A; Physics - B
- LAUREATS MODERN BILINGUAL COLLEGE, DOUALA - CAMEROON

CAMEROON GENERAL CERTIFICATE EXAMINATION O/LEVEL

- 11/11 PAPERS (4 As + 4 Bs + 3 Cs): Math - A; Physics - A
- LAUREATS MODERN BILINGUAL COLLEGE, DOUALA - CAMEROON

CERTIFICATIONS

- **NMD - JUNIOR SATELLITE IOT AMATEUR - JANUARY 2024**
  - MaxIQ SDG Starter Kit IoT Experiments
  - TinyGS Ground Station Set Up
- **LINKEDIN - CHOOSE TO BE A GOOD MANAGER- APRIL 2023**
  - Managerial skills
- **UDEMY - MATLAB/SIMULINK POWER SYSTEMS SIMULATIONS - FEBRUARY 2022**
  - Building Simulink Power System Models
  - Power System Simulations

AMBASSADORSHIP

DeepLearning.AI

November 2021

- Pie & AI Event Ambassador.
- Planning of Artificial Intelligence, Machine Learning oriented events, programs and/or workshops.

ZINDI AFRICA

15 November 2021 - 15 November 2022

- Zindi Student Ambassador Cameroon
- Hosting of Events

CONFERENCES & EVENTS - YEAR 2025

IEEE R8 Entrepreneurship Week Event, Yaounde, Cameroon

Title: Unlocking the Power of AI and IoT: A Game-Changer for Sustainable Entrepreneurship in Cameroon and Developing Nations
- Presentation: *Satellite-Enabled IoT Systems*
- Date: 08th March 2025

The General Assembly & 5th Annual Conference of the African Astronomical Society, Johannesburg, South Africa

- Presentation: *Space Inclusion in African STEM Education*
- Date: 23rd - 28th March 2025

AI4Africa Ignition, Douala, Cameroon

- Panel Discussion: "Comment les startups africaines favorisent l'adoption de l'IA avec peu
- de moyens"
- Date: 09th - 10th June 2025

REFERENCES & CONTACTS

- **ActivSpaces Mobile Makerspace Supervisor - Mr. Besmer Kepfeu: besmer@activspaces.com**
- **Orange Digital Center Fablab Manager CM - Mr. Calvin Koudanbe: Calvin.koudanbe@orange.com**
- **Valuable Vision Founder & CEO - Mr. Antonin Bernardin: antonin.bernardin@gmail.com**