Gerald Njoke Lyonga

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IT Enthusiast, eager to contribute to team success through hardwork, attention to details and excellent organisational and problem solving skills. Clear understanding of IT/ Telecom systems with equally a core foundation in DVB-S systems. Always motivated to learn, grow and excel in industry.

Professional Experience

Canalplus Horizons   10/18 - 01/19
Engineering Trainee

- Performed installations of Digital Video Broadcasting systems.
- Carried out routine maintenance on the communication systems and products.
- Fostered sales and increased revenue by advitising products and services.
- Troubleshooting and design support in DVB-S systems in high definition.

Noela Lyonga Foundation   03/20 - Present
Volunteer

Non Governmental Organization actively involve in voluntary aspects in the field of health, community service, volunteer placement and rehabilitation.

- participated in sensitization campaigns against diseases.
- performed the role of a discipline master during our rehabilitation project for prisoners.
- Carried out community clean up campaigns in the streets of Buea.

Education

University of Buea   10/15 - 11/19
B.Eng Electrical And Electronics Engineering (Telecommunications)

Bilingual Grammar School Molyko Buea, Cameroon   09/13 - 06/15
GCE A - Level - Maths (A), Chemistry (A), Physics (B)

- pass in 5 subjects (maths, physics, chemistry, biology, further mathematics)

Bilingual Grammar School Molyko Buea, Cameroon   09/12 - 06/13
GCE O-level - maths (A), physics (A), chemistry (A),

- 8 A's, 2 C (inc. french, english)

Bilingual Grammar School Molyko Buea, Cameroon   09/11 - 06/12
BEPC (Brevet D'Etude Du Premier Cycle)

Projects

GSM module (sim900) and microcontroller based control system design.

- A microcontroller base system that can record physical parameters and also implement control mechanisms. Two way communication between user and system (e.g household) so that user can remotely monitor his household wirelessly over the GSM mobile network.

Design of a software that perfoms link budgeting for a 4G LTE Network.

- A UI capable of receiving inputs values such transmitter power, Receiver power, Receiver sensitivity etc in order to analyze the link budget between uplink and downlink of the network.

Key Skills

- Research and analytics
- Problem resolution
- Writing and Oral communication
- MS word, Excel and PowerPoint
- Software proficiency (MATLAB, Atoll)
- Programming language (Python)

Interests

- Music - pianist in my church
- Sports - active roller skates
- Gaming
- Traveling