MVENYI DONALD MBUTU
Full Stack Developer / Computer Science and Mathematics Teacher
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Sex: Male / **Date of Birth:** 21ST June 1987 / **Nationality:** Cameroonian

PROFILE

I am a devoted and open minded developer who yearns daily for knowledge in the world of digital technology. I have diverse skills in different areas of computing, cutting across different computational domains. As a full stack developer, I build web applications and websites using a range of scripting languages both for front and back end experience; I use both JavaScript and Python alongside their appropriate frameworks like JQuery and Django (or Flask) respectively. In recent times, my interest has been in JavaScript, where I use it not only for software building, but also to assess the security level of software, web application or network. I use JavaScript to mount a Cross-Site Scripting (XSS) attack and a Cross-Site Request Forgery (CSRF) attack among many, in an ethically authorized manner. When it comes to Information Security, it is paramount in the deployment of any system, so I always prioritize it, and JavaScript is one of the tools I use to achieve this.

I am equally a devoted and highly skilled mathematics and computer science teacher with over 12 years of mathematics teaching experience and expertise, and 5 years of teaching computer science. I have a unique gift of causing the slowest learner comprehend mathematical concepts by employing diverse teaching methods and integrating various teaching techniques in the classroom. I can adapt easily and quickly in a new environment, and can quickly adjust my approach of teaching given a particular situation. I am open to criticism and ready to make positive changes to foster my career and bring the best out of me, with the goal of meeting up with the learners' individual and specific needs. I integrate all the learners in my classroom by considering their various learning styles and providing differentiated classroom instructions. When necessary, I offer individualized, co-curricular and extracurricular support especially to learners with special needs. I have a good store of educational concepts through the various trainings, seminars and workshops I have attended throughout the years I have been teaching. I am not only equipped with the content of pedagogy, I equally put it to practice in the delivery of my classroom lessons. I strive to incorporate technology in all my lessons. I possess extensive knowledge in contemporary teaching methods and my subject discipline, that is, mathematics. I set highly standardized tests for the assessment of learners in various mathematical skills and values. In face of a challenging situation, I use my professional skills to manage it thereby bringing satisfaction to the parties concerned.

I have great communication skills both in writing and in speaking and can convey a message with all the clarity it deserves for a better comprehension by the audience listening. I write reports well, and I do a lot of research. I am very versatile and I am not limited to a particular domain or discipline.

CURRENT POSITION

Sept 2015 -   Mathematics and Computer Science Teacher; Coordinator of Arts and Cultural Club

Our Lady of Lourdes College (OLLC) Mankon (Bamenda - Cameroon)

- Teaching Mathematics and Additional Mathematics at the ordinary level, and Pure Mathematics, Statistics, and Further Mathematics at advanced level.
- Teaching Computer Science at the Ordinary and Advanced Level
- Taking Computer Science practical.
- Facilitating and enhancing the understanding of complex mathematical concepts to students.
- Preparing the classroom and making it conducive for learning.
- Setting standardized tests and exams for local and national use; that is, setting exams for the Cameroon GCE Board, the Catholic Education Board, and the Teachers Resource Unit of the North West Region of Cameroon under the auspices of the Ministry of Secondary Education.
- Coordinating the Arts and Cultural club of the institution.
- Providing extra time for remedial classes for relatively slow learners, and students who want to learn more.
- Training colleagues on the use of technology in the teaching and learning process.

- Preparing handouts, tutorials, group work assignments and homework assignments.
- Participating in meetings with staff and administration, and with the staff and parents.
- Supervising students during their study time.

REMOTE JOBS

- Freelance and IT Consultation both national and international

EDUCATION AND TRAINING

Sept 1999 - June 2004	**G.C.E. Ordinary Level Certificate**
	Comprehensive High School (CHS) Bambui
Sept 2004-June 2006	**G.C.E. Advanced Level Certificate**
	CHS Bambui
Sept 2013 - Dec 2016	**DIPES I in Mathematics** (Post Graduate Teaching Diploma in Mathematics) from Higher

Teacher Training College, Bambili, University of Bamenda, Cameroon.

Sept 2017 - Dec 2019	**University Diploma of Technology in Computer Engineering**
	College of Technology, Bambili, University of Bamenda, Cameroon.
Sept 2019 - Dec 2020	**BTech in Computer Engineering**
	College of Technology, Bambili, University of Bamenda, Cameroon.
Nov 2021 – Oct 2023	**DIPES 2 in Mathematics**
Oct 2023 -	**Professional Master's in Cybersecurity and Mathematical Cryptology.**

OTHER QUALIFICATIONS AND TRAINING

July 26, 2023	EF Standard English Test Certificate
June 20, 2023	UNESCO MGIEP Digital Teacher Certification
June 19, 2016	Microsoft Office Specialist in Microsoft Powerpoint: Microsoft/Certiport USA.
June 20, 2016	Microsoft Office Specialist in Microsoft Word: Microsoft/Certiport USA .
June 21, 2016	Microsoft Office Specialist in Microsoft Excel: Microsoft/Certiport USA.
June 2016	Certificate of Participation in Teachers' capacity Building for the Usage of Computer Tools
	awarded by GATE INC Training and Consulting/MTN Cameroon.
January 26, 2022	Certificate of Completion of the In-Service Teacher Training for the African Institute for
	Mathematical Sciences Teacher Training Program (AIMS - TTP).

AWARDS

2017 – 2022	Yearly award for excellent results at the GCE examination both at the Ordinary and Advanced Level.
2015	Award for the neatest and most organized teacher, Our Lady of Lourdes College Mankon.
2013	Awards for the most collaborative and most improved teacher of the year.

OTHER SKILLS

Language Skills

I speak and write English very well. I also speak and write French equally well

Organizational Skills

- Optimistic, belief in self and team for success and excellence.
- Inherent leadership qualities which makes me easily act as a shepherd to the learners and an excellent collaborator with my team.
- Can initiate a project and follow its progress till the end.
- Great counselling skills; empathic at each counselling session.

Personal Skills

Ability to work under pressure. Can communicate and articulate a sound educational philosophy. Committed to skills-based learning. Willing to accept responsibility for other legal matters in the day-to-day running of the school. Having the temperament to resolve major disciplinary issues with pupils, including working in partnership with the parent, the police and social services.

Computer Skills
- Certified Microsoft Office Specialist
- Programming Skills in Python (and Django), C and C++ , Bash Computing.
- Web development using HTML5, CSS3, Bootstrap, JavaScript and PHP.
- Database in XAMP, WAMP, Postgres, and Microsoft access

Network Defense Skills
- Use of nmap
- Metasploit
- Burp suite
- OpenSSL
- OpenSSH
- Cryptographic implementations
- Virtual Machines
- Cloud Computing

Communities
- OWASP
- GitHub
- Azure DevOps
- Bluesky
- LinkedIn
- Discord

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