Brian Ndabaningi S aiti Mtonga

Date of birth: 10/09/1998

Nationality: Malawian

CONTACT

📍 University of Malawi
PO Box 280 ZOMBA, Malawi
(Work)

✉️ brianmtonga592@gmail.com

📞 (+265) 880474443

in https://www.linkedin.com/in/
bryan-mtonga-02413a242

🟢 +265880474443 **(WhatsApp)**

ABOUT ME

I am a highly motivated and accomplished 25-year-old professional with a Bachelor of Science degree in Physics from University of Malawi and a software engineering certification by ALX Africa. Hailing from Malawi, I bring a diverse perspective and a strong academic foundation to any professional setting. My educational background has equipped me with a solid understanding of theoretical and practical aspects of physics, honing my analytical and problem-solving skills.

I am eager to apply my knowledge and contribute to innovative projects. I possess a keen interest in data related fields, and I am enthusiastic about leveraging my skills to make meaningful contributions in these domains. With a commitment to continuous learning and a strong work ethic, I am ready to embrace new challenges and grow both personally and professionally.

WORK EXPERIENCE

01/10/2022 – CURRENT ZOMBA, Malawi

Physics instructor University of Malawi

·Preparing lectures
·Delivering physical and online lectures
·Instructing lab sessions
·Assessing students
·Student engagement
·Curriculum development
·Advising and mentoring students

Department Department of Physics and Electronics |
Email bmtonga@unima.ac.mw | **Website** www.unima.ac.mw

08/05/2021 – 09/11/2022 ZOMBA, Malawi

Research Assistant Save the Children Internation

·Collecting data
·Analyzing data
·Report writing
·Field work
·Data entry and Management
·Research design
·Collaboration
·Quality control

04/05/2019 – 13/10/2020 LILONGWE, Malawi

Research Assistant African Institute of Cooperative Citizenship

·Collecting data
·Report writing
·Recognizing problems in obtaining data
·Inquiring about specific information

07/06/2023 – CURRENT ZOMBA, Malawi

IT Manager Ovitreats

1. *Strategic Planning:*
   - *Develop and implement an IT strategy aligned with the overall business goals.*
   - *Evaluate and recommend technology solutions to improve efficiency and effectiveness.*
2. *Team Leadership:*
   - *Lead and manage the IT team, providing direction, guidance, and support.*
   - *Foster a collaborative and innovative work environment.*
3. *Project Management:*
   - *Oversee the planning, execution, and completion of IT projects within scope, budget, and timeline.*
   - *Ensure effective project communication and stakeholder engagement.*
4. *Infrastructure Management:*

- Manage and maintain the organization's IT infrastructure, including networks, servers, and systems.
- Implement and monitor cybersecurity measures to protect against potential threats.

5. *Budgeting and Resource Allocation:*
- *Develop and manage the IT budget, allocating resources effectively.*
- *Evaluate and procure hardware, software, and services within budget constraints.*

EDUCATION AND TRAINING

17/05/2017 – 13/05/2021 ZOMBA, Malawi

Bachelor of Science University of Malawi

Website www.unima.ac.mw ∣ **Field of study** Physics ∣ **Final grade** 3.4 ∣ **Level in EQF** EQF level 6 ∣
National classification 7 ∣ **Type of credits** 180 ∣ **Number of credits** 120 ∣ **Valid until** 13/05/2030 ∣ **Thesis** water purification using concentrated solar power

11/05/2022 – 07/05/2023 Nairobi , Kenya

ALX Holberton Software Engineering Certification ALX Holberton School Africa

Website www.alxafrica.com

LANGUAGE SKILLS

MOTHER TONGUE(S): Chichewa ∣ Tumbuka ∣ Yao ∣ Tonga

Other language(s):

English

Listening C2	**Spoken production** C2
Reading C2	**Spoken interaction** C2
Writing C2	

French

Listening A1	**Spoken production** A2
Reading A1	**Spoken interaction** A2
Writing A1	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access ∣ SQL and MS-SQL ∣ Database MangoDB ∣ Basic knowledge of STATA and SPSS (through training in the social sciences) ∣ Autodesk AutoCAD (2006/2017) ∣ Programming with Python, Node js, Ruby, Bash, React, Js ∣ C (Standard ANSI C89) ∣ * dart , c++ , Java

ADDITIONAL INFORMATION

Networks and memberships

09/07/2023 – CURRENT Blantyre

Member of Malawi institute of Physics *I am a full member of this new institute that mainly deals with technological issues*

Conferences and seminars

10/10/2023 – 14/10/2023 LILONGWE

Zantchito Entreprenuership Bootcamp *The bootcamp was about business incubation programmes that supports idea-stage entrepreneurs in Malawi. It provides pre-incubation, incubation, and post-incubation support, as well as Business Development Services (BDS) and access to finance to Technical, Entrepreneurial, and Vocational Training (TEVET) graduates, university graduates, and Micro and Small Enterprises (MSEs) with the aim of helping them to establish sustainable enterprises and create decent, formal jobs.*

Link https://entrepreneurship.zantchitomalawi.org/

Management and leadership skills

Operations Manager *As the Operations Manager at Ovitreats, I have consistently demonstrated effective leadership in steering our operational processes to new heights. Through a combination of strategic vision, hands-on management, and team empowerment, I have played a pivotal role in optimizing efficiency and fostering a culture of excellence within our operations.*
My leadership style revolves around collaboration and empowerment. I have successfully led cross-functional teams by providing clear direction, setting achievable goals, and encouraging open communication. By cultivating a culture of accountability, I've motivated my team to take ownership of their responsibilities, resulting in streamlined processes and increased productivity.
In addition to day-to-day operations, I've been instrumental in implementing process improvements and leveraging technology to enhance overall efficiency. I am adept at identifying bottlenecks and implementing innovative solutions, ensuring that Ovitreats remains agile and responsive to market demands.

Projects

07/10/2022 – CURRENT

Anaerobic Digestion For Production of Biomethane *The Anaerobic Digestion for Methane project aims to harness the potential of anaerobic digestion technology to produce methane gas from organic waste materials. Anaerobic digestion is a biological process that breaks down organic matter in the absence of oxygen, generating biogas rich in methane. This sustainable and environmentally friendly approach not only mitigates waste issues but also provides a renewable energy source.*

12/11/2021 – CURRENT

UberEats clone *The Uber Eats Clone project using the Flutter framework aims to replicate the core features and functionalities of the popular food delivery platform, Uber Eats. This mobile application will provide a user-friendly and efficient solution for customers to order food from local restaurants, and for restaurant owners to manage orders seamlessly.*

Recommendations

Associate Proffessor JSP Mlatho Head of Department

I have known him as my lecturer during my college and He is now my employer at the Physics department

Email pmlatho@unima.ac.mw ┃ **Phone** (+265) 881762788

Ishmael Ntenje Human Resource Manager

- I have known him as the human resource manager at save the children and he played a pivotal role in recruiting me as a research assistant at Save the children International

Phone (+265) 999555640

Patrick Mzaza Co-staff

- I have known him as my lecturer during my college and He is now my co-staff at the Physics department

Email pmzaza@unima.ac.mw ┃ **Phone** (+265) 884053448