Curriculum Vitae

ANDREA ASTON

23th March 2025

Personal details

- Gender: Male
- Tribe: Chewa
- DOB: 31st July, 2001
- Nationality: Malawian
- Cell Number: +265997721105
- Email Address: bece21-aaston@mubas.ac.mw
- Language: English & Chichewa
- Physical Address: Thavite, Mwanza, Salima, Malawi
- Postal Address: Nankhata Primary School PO BOX. 98, Makion, Salima

Profile

A highly motivated and detailed — oriented computer engineering student with strong academic background in computer science and electrical engineering. Experienced in working on group projects and collaborating with team members to achieve common goals

Key skills

- WordPress (web development)
- Graphic designing (Adobe Photoshop & Adobe illustrator)
- C++
- HTML
- CSS
- JavaScript
- Database Management (SQL)
- Robot Building (REV Robotics Kit, Arduino Kit & XRP kit)
- Team work
- Electrical Installation
- Computer Troubleshooting
- Microsoft Office package
- Communication
- Working under minimum supervision

Academic Qualifications

- Malawi University of Business and Applied Sciences (MUBAS), Blantyre, Malawi

  Honours Degree in Bachelor of Electronics and Computer Engineering (**Pending**)

  Courses covered so far

1. English for Academic purposes
2. Communication for Engineers
3. Engineering Management
4. Business Communication
5. Electrical Installation
6. Electrical Circuits
7. Digital Electronics I
8. Electromagnetics
9. Digital Electronics II
10. Analogue Electronics I
11. Analogue Electronics II
12. Electrical Machines I
13. Engineering Materials
14. Algebra
15. Calculus I
16. Calculus II
17. Linear Algebra
18. Statistics and Probability
19. ICT
20. Structured Programming (C++)
21. Objected Oriented Programming (C++)
22. Introduction to Software Engineering
23. Mechanical Science
24. Statics and Dynamics
25. Electrical Science
26. Civil Technology
27. Engineering Drawing I
28. Engineering Drawing
29. Physics
30. Chemistry
31. Linear Electronics
32. Numerical Methods
33. Measurements and Instrumentation
34. Signal Systems and Noise
35. Data Communication Networks
36. Electrical Machines II

- 2024 Aspire Leaders Program Certificate by **Aspire Institute**
- Coursera Online courses
  1. Foundations of Cybersecurity by **Google**
     https://coursera.org/verify/KRPUHICBC2HY
  2. Play it safe: Manage Security Risks by **Google**
     https://coursera.org/verify/UBE39CDKJ5RZ
  3. Introduction to Databases by **Meta** https://coursera.org/verify/FDU9AC2JXARD
  4. Introduction to data Engineering by **IBM**
     https://coursera.org/verify/BNXS426MEG6Z
  5. Introduction to Cloud Computing by **IBM**
     https://coursera.org/verify/WEJ9L9W6TXS5
  6. Building AI Powered Chatbots without Programming by **IBM**
     https://coursera.org/verify/G6QZ6QNP3Y8E
  7. Building a full website using WordPress (Coursera Project Network)
     https://coursera.org/verify/1ZWRH17K5BNY

- Malawi School Certificate of Education (MSCE) certificate attained in 2020 at Loyola Jesuit Secondary school, Kasungu, Malawi.

Work experience

- Intern at Robotics Foundation Limited (Since July, 2024)

  Duty: Building Robots for teaching and showcasing purposes

- Intern at Coperate Tech

  Duty: Web tweaks

- Sales Agent at Yellow solar Malawi from 2020 —2021
  Duty: Installing solar panels

Referees

- Dean of Electrical Engineering (MUBAS)

  MUBAS, Private Bag 303, Chichiri, Blantyre 3.

  Dean Associate Prof Burnet Mkandawire

  Email Address: bmkandawire@mubas.ac.mw

- Electrical Engineering HoD, Dr. Rodwell Bakolo
  Cell: +265 999 61 43 43
  Address: rbakolo@mubas.ac.mw

- Kennedy Kamwendo (Computer programming lecturer)

  Cell: +265888856335   Email Address: kkamwendo@gmail.com

- Fr. Kenneth Simalalo (Loyola Jesuit Secondary school Headteacher)

  Phone: +265998639428

- Miss Janet Kapito (Operations Manager at Robotics Foundation Limited Malawi)

  Phone: ++265 884 03 64 61