

Curriculum Vitae
ANDREA ASTON

23rd November 2025

Personal details

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| <ul style="list-style-type: none">• Gender: Male• Tribe: Chewa• DoB: 31st July, 2001• Nationality: Malawian• Cell Number: +265997721105• Email Address: bece21-aaston@mubas.ac.mw | <ul style="list-style-type: none">• Language: English & Chichewa• Physical Address: Thavite, Mwanza, Salima, Malawi• Postal Address: Nankhata Primary School PO BOX. 98, Makion, Salima |
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Profile

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

Key skills

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| <ul style="list-style-type: none">• Web development (HTML, CSS, JavaScript, WordPress)• C++• Graphic designing (Adobe Photoshop & Adobe illustrator)• 3D Designing (SolidWorks)• Photography• Database Management (SQL) | <ul style="list-style-type: none">• Robot Building (REV Robotics Kit, Arduino Kit & XRP kit)• Team work• Electrical Installation• Computer Troubleshooting• Microsoft Office package• Communication |
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Academic Qualifications

- A. Honors Degree in Bachelor of Electronics and Computer Engineering (Pending) @ Malawi University of Business and Applied Sciences (MUBAS),

Courses covered so far

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| 1. English for Academic purposes | 22. Introduction to Software Engineering |
| 2. Communication for Engineers | 23. Mechanical Science |
| 3. Engineering Management | 24. Statics and Dynamics |
| 4. Business Communication | 25. Electrical Science |
| 5. Electrical Installation | 26. Civil Technology |
| 6. Electrical Circuits | 27. Engineering Drawing I |
| 7. Digital Electronics I | 28. Engineering Drawing |
| 8. Electromagnetics | 29. Physics |
| 9. Digital Electronics II | 30. Chemistry |
| 10. Analogue Electronics I | 31. Linear Electronics |
| 11. Analogue Electronics II | 32. Numerical Methods |
| 12. Electrical Machines I | 33. Measurements and Instrumentation |
| 13. Engineering Materials | 34. Signal Systems and Noise |
| 14. Algebra | 35. Data Communication Networks |
| 15. Calculus I | 36. Electrical Machines II |
| 16. Calculus II | 37. Computer Applications |
| 17. Linear Algebra | 38. Microprocessor Technology |
| 18. Statistics and Probability | 39. Project Management |
| 19. Information Communication Technology (ICT) | 40. Software Engineering |
| 20. Structured Programming (C++) | 41. Operating Systems |
| 21. Object Oriented Programming (C++) | 42. Digital Signal Processing |

- B. 2024 Aspire Leaders Program Certificate by Aspire Institute

C. Coursera Online courses

- i. Foundations of Cybersecurity by Google <https://coursera.org/verify/KRPUHICBC2HY>
- ii. Play it safe: Manage Security Risks by Google
<https://coursera.org/verify/UBE39CDKJ5RZ>
- iii. Introduction to Databases by Meta <https://coursera.org/verify/FDU9AC2JXARD>
- iv. Introduction to data Engineering by IBM <https://coursera.org/verify/BNXS426MEG6Z>
- v. Introduction to Cloud Computing by IBM <https://coursera.org/verify/WEJ9L9W6TXS5>
- vi. Building AI Powered Chatbots without Programming by IBM
<https://coursera.org/verify/G6QZ6QNP3Y8E>
- vii. Building a full website using WordPress (Coursera Project Network)
<https://coursera.org/verify/1ZWRH17K5BNY>

- D. 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 Cooperate Tech | Duty: Web tweaks in WordPress
- Sales Agent at Yellow solar Malawi from 2020 —2021 | Duty: Installing solar panels

Referees

- Dean of Electrical Engineering (MUBAS) Dean Associate Prof Burnet Mkandawire | Email Address: bmkandawire@mubas.ac.mw
- Electrical Engineering HoD, Dr. Rodwell Bakolo | Phone: +265 999 61 43 43 |Address: rbakolo@mubas.ac.mw
- Kennedy Kamwendo (Computer programming lecturer) | Phone +265888856335 | Email Address: kkamwendo@gmail.com
- Miss Janet Kapito (Operations Manager at [Robotics Foundation Limited Malawi](#)) | Phone: +265 884 03 64 61 | Email: janet@rflmw.com
- Fr. Kenneth Simalalo ([Loyola Jesuit Secondary school](#) Headteacher) | Phone: +265998639428

My portfolio website: https://andreaaston.github.io/my_portfolio/