

# Emmanuel Asiimwe

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## SUMMARY

Detail-oriented Data Analyst adept in statistical programming and machine learning. Extracting actionable insights from intricate datasets to inform business decisions. Seeking entry-level opportunities to apply skills and expedite organizational success.

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## SKILLS

- **Python, R, MySQL, TensorFlow, MPI, Node.js, React**
- **Strategic Planning, Big Picture Thinking, Active Listening, Versatility**

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## CERTIFICATIONS

### Google Data Analytics Professional Certificate

Coursera • 2023

- [Certificate link](#) and [Capstone project](#)

### Certificate of Merit

International Schools Sports Association – UG • U16 Boys Season 2 • 2023

- [Certificate link](#)

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## PERSONAL PROJECTS & INVENTIONS

### PolyTrend

Independent • <https://github.com/asiimwemmanuel/polytrend/> • June 2023 – August 2023

- Developed and implemented a regression algorithm, improving data analysis efficiency for 50+ science classmate users.

### VoteAble

Able Corp (Startup) • <https://github.com/asiimwemmanuel/VoteAble-v0/> • October 2023 – January 2024

- Real-time result tracking reducing election duration by 50%, and efficient deployment via Vite, minimizing setup time.

### QuizzAble

Able Corp (Startup) • <https://github.com/losh-The-Developapa/QuizzAble/> • October 2023 – December 2023

- Inaugural web app, with utility showcased in the school science fair, and implemented server-side authorization.

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## EDUCATION

### Primary Leaving Examination Certificate

February 2013 – December 2019

City Parents' School • Kampala, Uganda • 2019 • Aggregate 7

- First-ever Junior Head Boy in school history.
- Completed 7-year curriculum in 6 years with aggregate 7 (with 4 as highest), setting the centre record.

### Uganda Certificate of Education

January 2020 – February 2020

Ntare School • 9MW3+V7F, Mbarara • 2021

- Elected as S1 class representative of over 500 students under 2 months.
- Participated in math, robotics, and debate clubs.
- Self-taught the first 2 secondary school years during the COVID lockdown.

### International General Certificate of Secondary Education

September 2021 – June 2023

Vienna College Namugongo • 9JGW+WFV, Kampala • 2023 • 7 A\*, 1 A, 1 B

- Class of 2023 valedictorian with [3.89](#) GPA.
- Founded and spearheaded math and coding clubs (the first in school history).
- Created an [automatic school bell](#), reducing timekeeper complaints.
- Catalysed establishment of 5 additional clubs.

### International Baccalaureate Diploma Programme

September 2023 – current

The Aga Khan High School • Math AA, Physics, Digital Society (HL) • Gadafi Road, Kampala • 2025 • 33/42

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## WORK EXPERIENCE

### Student Web Developer

Makerere University, Faculty of Computing and Information Technology

August 2023 - October 2023, Kampala

- Redesigned IoT research lab website via Laravel, improving navigation, user experience, and visitor engagement.

### Junior Developer

Business Initiatives International Limited

March 2023 - June 2023, Kampala

- Led development of inaugural company website, enhancing client engagement
- Engineered client manager app, elevating employee productivity.

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## REFERENCES

Mr. Alex Kakungulu – IB Coordinator ([alexander.kakungulu@akesu.org](mailto:alexander.kakungulu@akesu.org))

