

CALVIN SENDAWULA

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I am a solution-focused Software Engineer with hands-on experience in developing web-based applications and implementing machine-learning solutions. I have actively participated in the development and implementation of web-based solutions, such as the Helping Hands online fundraising platform for class 8 students and the restructuring of the Green Soko food delivery website. In collaboration with fellow students, I successfully addressed user interface and experience issues in the Green Soko project and implemented the website using Kotlin for android devices. Moreover, I have worked with Docker as part of my coursework in Information Systems and Security Design as well as in Server Administration with Linux. I am proficient in Git, which I have employed on multiple school and personal projects. My expertise also extends to artificial intelligence, encompassing the development of models for natural language processing, artificial neural networks, classifiers, and ongoing work on a transformer-based machine translation model from Luganda to sign language. I am excited about the opportunity to contribute to Microsoft's mission and culture of innovation and ready to bring my passion, dedication, and learn-it-all mentality to the forefront of impactful software engineering projects.

EXPERIENCE

JAN 2023 – MAR 2023

DATA ANALYST INTERN, CENTRAL BANK OF UGANDA

- Collected and cleaned large datasets for analysis and utilized Microsoft Azure services to conduct data analysis and design machine learning models.
- Analysed data to identify patterns, trends, and relationships, providing actionable insights to stakeholders.
- Gained expertise in cloud computing and data management through Microsoft Azure.
- Developed skills in REST APIs, Artificial Neural Networks, Python programming, Azure Logic Apps, and SQL.

JAN 2022 – MAR 2022

VOLUNTEER, OLD KAMPALA SENIOR SECONDARY SCHOOL

- Shelved books by subject according to Dewey Decimal System.
- Stayed up to date on references, card catalogs and automated information systems to teach and educate patrons and maintained accurate records and confidentiality of library book and periodical inventory.
- Assisted patrons with finding and selecting book and materials using Online Public access catalog and examined incoming items for signs of damage and documented issues.

JAN 2020 – APR 2020

WEB DEVELOPMENT INTERN, BIZTALK SYSTEMS UGANDA

- Troubleshoot and debugged code ensuring compatibility with devices, browsers, and operating systems and developed user interfaces with modern JavaScript frameworks, HTML5 and CSS3 and collaborated with project managers and development team to brainstorm new ideas.
- Wrote custom HTML and CSS for websites and attended development programs to gain competencies and boost skills set such as ISBAT University's Python bootcamp.

EDUCATION

SEP 2020 – PRESENT | EXPECTED IN 2024

BACHELOR'S DEGREE OF INFORMATICS AND COMPUTER SCIENCE, STRATHMORE UNIVERSITY

- Dean's list 2022 – 2023 Academic Year
- Dean's list 2020 – 2021 Academic Year
- Industry Meets Talent Hackathon by Mastercard Foundation 2023
- Microsoft Student Hackathon 2021

FEB 2018 - NOV 2019

HIGH SCHOOL UACE CERTIFICATE, KING'S COLLEGE BUDO

- Vice president – Innovators club
- Team Captain – school golf team
- Speaker – Interact club
- 1st place Viva high school challenge 2018
- 2nd place Viva high school challenge 2019
- 2nd place Namagunga high school challenge 2018
- 2nd place National Water and Sewerage Cooperation High School Challenge

FEB 2014 – NOV 2017

HIGH SCHOOL UCE CERTIFICATE, KING'S COLLEGE BUDO

- Speaker Debate club
- Speaker Library Readers club
- 1st place Mengo S.S.S Readers Club Art Challenge 2015
- 2nd place Mengo S.S.S Readers Club Art Challenge 2016

SKILLS

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|------------------------------------|---------------------------------------|
| • Leadership Skills | • Organization and Time Management |
| • Problem Solving | • Technical Analysis |
| • Analytical and Critical Thinking | • Software Development best practices |
| • Good team player | • Interpersonal Communication |

ACTIVITIES

I enjoy playing golf and was captain of my high school team which I led to victory in 2018 at the high school competitions held by KCB bank at Uganda Golf Club.