

## Nyokabi Waweru

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### *Personal Information*

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**Date of Birth:** 22<sup>nd</sup> January 1999

**Nationality:** Kenyan

**Gender:** Female

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### *Education*

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**University of Nairobi** (September 2017-Current)

- BSc. Electrical and Electronics Engineering

**Strathmore University** (January 2017-March 2017)

- Certificate in Computer Applications

**Kianda School** (February 2013-November 2016)

- Kenya Certificate of Secondary Education  
Mean grade: A-

**Kianda School** (January 2005-December 2012)

- Kenya Certificate of Primary Education  
Grade: 401/500
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### *Activities*

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**Student Vice Chair - College of Architecture and Engineering** (November 2020-Current)

- Spear-headed an online college Health Month (April 2021) that was an educative series on: Reproductive Health, Mental Health, Drug & Substance Abuse and Physical Wellness.
- Formed a committee of girls from the college with an aim to organize activities to create a community among the girls in the college and to address the issues affecting girls in the college.

**Student Branch Organizing Secretary - Institute of Electrical and Electronics Engineers** (September 2020-Current)

- Organized two main events for the student branch; an online membership drive webinar and an engineering mentorship webinar.

**Participant - KENET: CS-IS-EE RF Radiation Activity 2G+, Wi-Fi, IoT 2020, HEALTH Studies** (May 2020-October 2020)

This was a lecturer-led and student-driven research project where we were able to:

- Utilize existing data and information to calculate the rate of absorption of radiation by human head tissues for 2G, 3G and 4G telecommunication frequencies.
- Generated a research paper titled 'Evaluation of SAR Profile Within the Human Body at 2G and 3G frequencies'.

**Participant - University of Nairobi Architecture & Engineering Conference 2020** (October 2020)

- Presented findings on the SAR Profile Within the Human Body at 2G and 3G frequencies.

**Volunteer - Kawangware Primary Reading Camp** (April 2017, August 2017)

- Collaborated with members of Nairobi Chapel & the incumbent teaching staff to improve reading and comprehension skills of Class 6 to Class 8 pupils through an interactive teaching approach.

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*Skills*

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- Microsoft Office (Excel, Word, PowerPoint and Access)
- Programming (MATLAB, Arduino, C++, MySQL, Flask, HTML, CSS, JavaScript)
- Academic Writing & Research