



# IVY CRANE KUTSWA

+254795034611

[kutswaivy@gmail.com](mailto:kutswaivy@gmail.com)

Nairobi, Kenya

---

## OBJECTIVE

As a self-motivated and passionate individual, I look forward to utilizing people skills and organizational abilities in advocacy of human rights and right to information. I am also very passionate about data science and machine learning which I am knowledgeable about and currently learning. I also have quite a great deal of knowledge in event planning and facilitation which I believe is very useful in any area I work in.

---

## EXPERIENCE

### Population council – Kenya

#### Research assistant for Nawiri Project core-Participatory Action Research Team

- As a research assistant within the core-Participatory Action Research Team at Nawiri Project, I was key in studying and mapping out the situation of Young Feminist Organizations in Kenya and supporting the project as it expanded into Mexico for the same research from August to November 2023.

### NASA space apps Kenya

#### Machine learning engineer representative for Kenyatta University

- In October 2023, I have been working with a team of 10 people to see to the completion a project that helps users see of the amount of carbon and methane gas in their area so as to raise awareness and possibly control global warming in Kenya and Africa at large. I additionally developed a predictive model that estimated the number of spoiled votes in the next election, gathering recognition of the achievement.

### Omdena

#### Junior Machine learning engineer

- From May 2023 to January 2024, I worked with a global team as an intern where I was responsible for assisting with data collection, cleaning and processing the data as well as managing the modelling team and ensured that the best model that would help forecast the out of pocket expenses for lung cancer patients was created and approved by a startup company called Iryss.

### IEEE

#### Ambassador for Trends in computer science

- Responsible for ensuring that the members of IEEE Bangladesh chapter were informed about the event in February 2023 as well as ensuring that people from universities in Bangladesh IEEE chapter joined the chapter.

### **Wasichana Wa Africa Summit**

#### **Facilitator**

- Responsible for facilitating the 3-day summit in October 2022 as well as teaching safeguarding practices to my fellow facilitators on how to engage with the adolescent girls who participated.

### **Adolescent girls investment plan(AGIP)**

#### **Event co-creator and co-facilitator**

- I was responsible for creating the Generation Equality Forum event that was held in July 2022 and even co-facilitating a great part of the event that addressed the importance of accountability of decision makers and donors in funding grassroots organizations.

### **National Climate change competition**

#### **Climate change advocate**

- Became a voice for climate change in Kenya, participated in building a project and presenting it before judges in 2019 and received recognition for my project.

---

## **EDUCATION**

---

2023-Date	Software Engineering at Holberton School
2021- Date	Bsc in Maths and Computer science at Kenyatta university
2017-2021	Kenya High school graduated with A- grade in Kenya Certificate of Secondary Education
2009-2016	Kabiria Primary School graduated with 410 marks in Kenya Certificate of Primary Education

---

## **AWARDS AND ACKNOWLEDGEMENTS**

---

- Newly elected as the Machine Learning Lead for Google Developer Students Club Kenyatta University.
- Elected as an ambassador for Trends in computer science event in partnership with IEEE Kenyatta University chapter and IEEE Bangladesh chapter in 2023.
- Nominated for the Girl Generation Festival where young girl leaders all over Kenya were being celebrated for their work in advocacy spaces especially in the fight against Female Genital Mutilation.

- Facilitated the Wasichana Wa Afrika Summit in 2022 where we discussed how girls can unapologetically take up space and issues facing girls in Africa.
- Elected as advocacy official for CampusMeToo Kenyatta university chapter in 2022 which deals with fighting for students sexual rights against harassment by workers.
- Co-created and co-facilitated Adolescent girls investment plan (AGIP) event where we ensured that leaders become accountable for the promises they made to resource and funding girls and youth-led organizations.
- Participated in advocating for the revival of clubs after the Corona pandemic and saw it to completion.
- Participated in Rise Selection as an application reviewer where I interviewed people's projects.