

JOSEPHINE NYOIKE

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EDUCATION

Smith College | Northampton, MA

September 2016 - May 2020

- B.A in Computer Science and Mathematics
- **Cumulative GPA:** 3.54/4.0
- **Relevant Coursework:** Programming with Python, Programming with Data Structures in Java, Advanced Programming Techniques, Microprocessors and Assembly Language, Discrete Mathematics, Linear Algebra, Introduction to Data Sciences, Interactive Web Documents
- **Current Classes:** Introduction to Probability and Statistics, Intelligent User Interfaces, Theory Of Computation, Digital Circuits and Computer Systems

TECHNICAL SKILLS

Languages: Proficient in Python, Java, HTML & CSS, intermediate in R, JavaScript and PHP.

Skills and Frameworks: Flask, Android Programming, Git

PROFESSIONAL EXPERIENCE

Africa's Talking | *Intern* | Nairobi, Kenya

June 2018 - August 2018

- Collaborated closely with the UI/UX team to fix bugs in the dashboard using **Node.js** which improved customer experience when using the dashboard
- Built an example web application for the **Python** SDK using **Flask, JavaScript, and HTML/CSS**.
- Work closely with the UI/UX team to improve the quality of the docs using the PHP SDK for developers who were trying to learn more about the functioning of the company's APIs.
- Worked to fix the bugs in the **Python** and PHP SDKs.
- Worked closely with the UI/UX and Backend teams to build a voice action builder for the Python SDK that improved the experience of developers when using the SDK.

Mwangi Cultural Center, Smith College | *Front Desk Assistant*

January 2018 - present

- Welcome people into the space and assist the Assistant Director with queries regarding the space and events offered in the space.
- Work on projects to foster inclusivity of People of Color on campus.

Equity Group Foundation | *Mentor* | Nairobi, Kenya

June 2017 - August 2017

- Led a group of ten scholars in their applications to universities by reviewing their essays and leading them in team building activities.
- Worked closely with a team of 10 mentors to organise a 4-week bootcamp for the Equity Leaders' Program scholars.

ACTIVITIES AND LEADERSHIP

Smith African And Caribbean Students' Association | *Conference and Programming Chair*

May 2018 - Present

- Plan the annual Charity Dinner, Conference and any other events for the society
- Update the records of the society about each event held.

Mathematics Department | *Calculus Training Group Tutor*

January 2018 - Present

- Work with groups of four students each in Calculus I for the entire semester to help them understand concepts in Calculus better and offer help with assignments.

AEMES Program | *Mentor*

September 2018 - Present

- Mentor first year students in STEM at Smith College.

ADDITIONAL INFORMATION

Languages: Fluent in English and Swahili and conversational in German

Interests: Love to travel, teach and mentor.