

# JOSEPHINE NYOIKE

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## EDUCATION

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**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

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## TECHNICAL SKILLS

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

**Skills and Frameworks:** Flask, Android Programming, Git

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## PROFESSIONAL EXPERIENCE

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**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 2018**

- 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.

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## ACTIVITIES AND LEADERSHIP

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**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.

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## ADDITIONAL INFORMATION

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**Languages:** Fluent in English and Swahili and conversational in German

**Interests:** Love to travel, teach and mentor.