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## EDUCATION

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**Yale University**, New Haven, CT; Class of 2022

Bachelor of Science: Double Major in Computer Science and Statistics & Data Science

**Relevant Coursework:** Data Structures and Programming Techniques, Data Exploration and Analysis, Introduction to Statistics, Introduction to Computer Science, Probability and Statistics (ongoing), Data Information and Visualization (ongoing), Calculus II (ongoing)

**Moi High School Kabarak**, Nakuru, Kenya; Class of 2016

- Second Runners Up, Nakuru County, 2016 KCSE. GPA 3.85 with 80/84 Points
- Best Student in Nairobi National Math Olympiad, 2016

## EXPERIENCE

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**Yale Young African Scholars**, *Instructor*, Ghana, Kenya, Zimbabwe. July 2019 – August 2019

- Oversaw the successful training of 300+ African students on the American College Application process as measured by students' ability to complete the Common App application by holding three 1-week intensive training camps.
- Designed two 90-minute seminars that introduced students to programmatic thinking and astrophysics, and got students to mimic computer understanding
- Collaborated with 15 other team members to plan, organize and coordinate logistics of student flights and travel

**Sanergy**, *Fellow*, Nairobi, Kenya. May 2019 – July 2019

- Successfully documented Sanergy's history in an 8-part series designed to be a marketing tool, as measured by client onboarding, by carrying out a series of interviews and field visits
- Built Sanergy's new consulting wing geared towards increasing revenue and spreading Sanergy's mission by collaborating with 2 team members

**Apollo Agriculture**, *Operations Intern*, Nairobi, Kenya. December 2017 – July 2018

- Managed a team of 50 in-field agents with the help of 6 agent liaison.
- Oversaw a 70% agent retention, up from 50%, as measured by quality of data collected through holding training sessions and exposing field agents to technological platforms like Google and WhatsApp.
- Gave a weekly report on the performance of field agents and recommended changes in the field agent application based on data collected from the agents.

## VOLUNTEER ACTIVITIES

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**Shamiri Intervention Project**, *Group Leader & Peer Counsellor*, Kibera Slums, Nairobi, Kenya. Summer 2018

- Coached 50 high school students with a high depression rating on good mental health.
- Was able to see a decrease in depression rating as measured by the Patient Health Questionnaire in 46 of my students by taking them through a course on growth mindset, gratitude journaling and identification of values.
- Collaborated with a team of 6 other Group Leaders and together oversaw the successful completion of the intervention to over 300 high school students.

**Yale Association for African Peace and Development**, *Finance Co-director*, New Haven, CT. September 2019 - Present

- Elected as Finance Co-director to the board
- Manage board's endowment

## COMMUNITY ENGAGEMENT

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**KenSAP Outreach**, *College Access Tutor*, St. Andrew Turi, Kenya. Summer 2018

- Tutored High School kids about how to apply to American colleges.
- Oversaw an increase in average SAT scores from 1200 to 1320 over three weeks by holding daily review sessions.

**Kenya Fluorspar Co.**, *Volunteer Teacher*, Fluorspar Primary School, Summer 2017.

- Tutored disadvantaged primary students in math and science in Kenya's rural and underfunded Kerio Valley.
- Built friendships with primary students and even helped some decide on high schools.

## SKILLS

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- **Computer Programming:** C, JavaScript, R, HTML & CSS.
- **Foreign Language:** Fluency in Swahili