

Daltone Otieno

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Summary:

Highly motivated and passionate data science, machine learning, and AI enthusiast pursuing a Bachelor of Science degree in Information Technology at Kenyatta University. Proven experience leading teams and organizing impactful events in the tech industry. Skilled in full stack software development, web development, app development, data science, and machine learning. A goal-oriented team player who excels in collaborative environments while demonstrating self-motivation and the ability to work under minimal supervision. Committed to advancing gender equality in tech and empowering women in data science, machine learning, and AI. Strong organizational and communication skills, with a track record of creating partnerships with industry professionals and building vibrant tech communities

Education:

ALX Software Engineering Student: April 2023 - Present

Bachelor of Science in Information Technology: Kenyatta University, September 2021 – Present

Data Science and Machine Learning with Python Certificate: National Research Institute, June 2022 - December 2022

Kenya Certificate of Secondary Education (KCSE): Nyang'ieia High School, January 2017 - December 2021

Kenya Certificate of Primary Education (KCPE): Bondo Primary School, January 2008 - December 2016

Professional Experience:

May 2023 to present: Alliance4ai Future Makers Kenyatta University Ambassador:

Represented Alliance4AI and led the #FutureMakers community at Kenyatta University, promoting diversity and inclusion in the technophile world. Organized events, workshops, and initiatives to foster knowledge-sharing, collaboration, and problem-solving using technology. Engaged with fellow students to inspire innovative solutions for pressing issues in Africa. Facilitated access to international events, conferences, funding opportunities, and platforms for pitching. Contributed to positioning Kenyatta University and Kenya as leaders in technology and fostering a culture of excellence in AI, data science, blockchain, 3D printing, IoT, and software engineering.

April 2023 to present: Zindi Africa Kenyatta University Ambassador:

As the Zindi Africa Kenyatta University Ambassador, I am responsible for promoting the organization's mission of advancing gender equality in tech, especially in data science, machine learning, and AI. This includes organizing events and workshops that empower and inspire young people in tech, as well as collaborating with a team to achieve these goals. As part of this role, I am also responsible for creating partnerships with industry professionals and building a strong community of tech enthusiasts.

September 2022 to present: GDSC-KU Data Science Team Lead

As the lead of a team of over 50 students with interests in tech, especially data science, machine learning, and AI, I organized meetings and invite industry experts to talk to students for real-life experience in the tech field. My leadership skills helped to cultivate a collaborative and motivated team that consistently delivered high-quality work.

September 2022 to present: Secretary General of Engineering Students Association

As the Secretary General, I am responsible for linking engineering students to the outside world through internships, networking, and job opportunities. With strong organizational and communication skills, I created effective systems to streamline operations and improve communication between students and industry professionals.

Skills:

1. Software engineering: Proficient in python programming and its frameworks such as django and flask, C programming and Linux Operations: Version control(Git, Ubuntu), Editors(Vim and Emacs. Shell scripting and docker for building, testing, and deploying applications quickly
2. Full stack software development: Proficient in HTML, CSS, and JavaScript, with experience building and deploying web applications using frameworks such as Django and Node.js.
3. Data science: Proficient in Python for data analysis, with experience in various data science libraries such as NumPy, Pandas, and Matplotlib. Experienced in data cleaning, preprocessing, and wrangling, with knowledge of statistical analysis and modeling.
4. Machine learning: Experienced in supervised and unsupervised learning techniques, regression analysis, clustering, decision trees, natural language processing (NLP), deep learning, convolutional neural networks (CNN), recurrent neural networks (RNN), and reinforcement learning. Familiar with various machine learning libraries and frameworks such as TensorFlow, Keras, Scikit-learn, and PyTorch.
5. UI/UX Designer: Proficient in using figma and canva. Video editing and content creation: well understanding of adobe and powerpoint for presentations.

Hobbies:

1. **Coding:** As a tech enthusiast, I love nothing more than diving into a new coding project and bringing my ideas to life.
2. **Skating:** When I'm not glued to my computer, you can find me cruising around on my skateboard, carving up the streets and exploring new spots.
3. **Bike riding:** Cycling is not just a hobby for me, it's a passion. Whether I'm hitting the road or the trails, there's nothing quite like the feeling of pushing myself to go further and faster.
4. **Team building:** I'm a natural born leader, and I love nothing more than bringing people together to achieve a common goal. Whether it's through sports, group projects, or community events, I thrive on building strong, cohesive teams.