



Denis Douglas Maina Mbuthia

Full Stack Developer/ AI Data Annotator

Details

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Education

Egerton University
Aug-2008 to May-2012
BSc Computer Science
Second Class Upper Division

Languages

English: Highly Proficient
Swahili: Highly Proficient

Profile

I am a passionate Full-stack Developer with a strong inclination toward crafting full-stack responsive web applications characterized by well-structured designs and user-friendly interactions. With a dedicated and efficient approach, I bring extensive experience across application layers, presentation layers, and databases. Additionally, my background extends to the domain of AI Data Annotation, where I have garnered valuable expertise in various annotation tasks including 2D Box Annotation, 3D LiDAR Annotation, Segmentation, Polygon Annotation, Videobox and Video-polygon Annotation, and AI Tutor.

Employment History

April 2024 - Present

I have served as an AI Tutor and Expert Annotator with Appen CrowdGen, Translated, and Mindrift AI. My responsibilities included evaluating AI-generated responses to user prompts against established guidelines, assigning scores based on a grading matrix, and, when necessary, rewriting responses to enhance the performance of large language models (LLMs). Additionally, I have contributed to training LLMs in both English and Swahili, ensuring improved accuracy and contextual relevance.

May 2019 – March 2024

I served as a QIR Auditor L10 with Remotasks, where I was entrusted with the final review of taskers' work, ensuring adherence to guidelines and maintaining the highest standards of quality. My role demanded expertise in various annotation tasks including 2D Box Annotation, 3D LiDAR Annotation, Segmentation, Polygon Annotation, Videobox, and Video-polygon Annotation. This experience has equipped me with a keen attention to detail and a deep understanding of diverse annotation methodologies.

I adhere to a manual annotation approach as it consistently yields higher levels of precision and accuracy compared to automation methods. This hands-on approach ensures meticulous attention to detail and quality in the annotation process.

Skills

- Communication Skills, Quality Control, Time Management, Team Work.
- Full Stack Responsive Web Applications Development.
- Application Layers, Presentation Layers and Databases
- AI Data Annotation, Image and Video Annotation, Semantic Segmentation

Hobbies

Traveling.
Virtual Realities.
Video Games.
Historical Docuseries.
Technological Documentaries
Classic Dancehall Music.

Full Stack Developer Expertise

Front End

I possess extensive experience and proficiency in utilizing various front-end frameworks and languages, including HTML, CSS, JavaScript, React.js, Next.js, Redux, Bootstrap, Tailwind CSS, and Material UI. These tools enable me to develop dynamic and visually appealing user interfaces while ensuring optimal functionality and user experience.

Back End

I possess comprehensive experience and expertise in utilizing a variety of back-end frameworks and languages tailored for backend development, including Node.js, Express.js, Mongoose.js, Sequelize.js, Mongo DB, MySQL, and JSON. These technologies empower me to architect and develop robust RESTful APIs, ensuring efficient communication between the server and client applications while adhering to industry best practices.

AI Data Annotation Expertise

Annotation Tools

I am adept at using a range of annotation tools including Basic AI, CVAT, LABELME, LABELIMG, LABELBOX, SEMANTIC SEGMENTATION EDITOR, Roboflow, and Hasty AI, and proficient in generating output formats such as COCO, JSON, YOLO, CSV, SEGMENTATION MASKS, Pascal-VOC, and XML.

My skill set extends beyond annotation techniques to encompass essential qualities such as attention to detail, problem-solving, time management, adaptability, and effective communication.

References

Name: Sebastian La Mont

Company: Remotasks (Quality Controls)

Email: lamont.sebs@gmail.com