

Brian A. Tendu

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EDUCATION

Egerton University

B.S. in Computer Science

Nakuru, Kenya

Expected Graduation, October 2025

- o **Concentrations:** Data Science, ML, Graphic Design, Web Development
- o **GPA:** 3.42/4.00
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Upwork

Nairobi, Kenya

Freelance Data Analyst

May 2022 – Current

- Conducted data analysis and interpretation for diverse clients across industries.
- Developed and implemented data models, enhancing clients' decision-making processes.
- Provided actionable insights through statistical analysis and visualization techniques.
- Collaborated closely with clients to understand project requirements and deliver tailored solutions.

Techybrief

Nairobi, Kenya

Co-founder/Graphic Designer/SEO Specialist/Web Developer

September 2023 – Current

- Conceptualized and designed visually appealing graphics and layouts.
- Developed branding materials, including logos and promotional assets.
- Ensured consistency and adherence to brand guidelines across various design projects.
- Conducted keyword research and implemented on-page and off-page SEO strategies.
- Improved website ranking and visibility through effective SEO optimization.
- Monitored and analyzed website performance using analytics tools to drive continuous improvement.
- Designed and developed responsive and user-friendly websites.
- Implemented front-end and back-end development using HTML, CSS, and JavaScript/ and Wordpress.
- Collaborated with cross-functional teams to integrate web solutions aligned with business goals.

PROJECTS

Django Voting System

Nairobi, Kenya

Project Manager/Backend Developer

December 2023 – March 2024

- **Template Rendering:** I rendered HTML templates with dynamic content produced by Python code using Django's template system. This required displaying elements such as the status of user authentication and voting alternatives.
- **Data Retrieval:** To retrieve data from the backend database and send it to the frontend for display, I used Django's ORM (Object-Relational Mapping). This involved retrieving data such as user information, vote alternatives, and outcomes.
- **API Endpoints:** Using Django views, I created API endpoints that would reply to front-end AJAX requests. In order to process data, carry out business logic, and give JSON responses to the frontend, these views were interfaced with Python code.
- **Form Handling:** To collect user input, like votes or user registration information, I created forms using Django's form system. I made sure the data was intact before processing it with Python code by utilizing Django's form validation features.
- **Authentication and Authorization:** To handle user authentication, registration, and authorization, I incorporated Django's authentication system. I handled user sessions, restricted access to particular views or features, and verified users using Python code.
- **Business Logic:** To manage the complex business logic of the voting system, including calculating results, enforcing voting laws, and controlling user privileges, I wrote bespoke Python code.
- **Team Management:** As the project manager, I coordinated team efforts by facilitating clear communication, assigning tasks based on individual strengths, and maintaining a cohesive workflow.

E-Commerce Web

Nakuru, Kenya

Team Member

Jun 2020 – July 2020

- Led frontend development for ecommerce website, ensuring user-friendly interfaces and timely project completion.

- Orchestrated team efforts, delivering successful ecommerce website frontend within project constraints.

Indeed Job Listing Scraping

Nairobi, Kenya

Team Lead

Nov 2018 – Jan 2019

- Created a job listing scraper model in Python, efficiently extracting information from multiple online platforms, simplifying the job search process.
- Engineered a customized job listings scraper for Indeed, showcasing expertise in data extraction and automation, enhancing efficiency in gathering and analyzing job data.

[Portfolio](#)

ACTIVITIES AND LEADERSHIP

SDA Church KCC, Ambassadors Club

Nairobi, Kenya

Chairperson

Aug 2019 – Current

- As a leader, I coordinate and guide youth activities at church, inspiring collaboration and fostering a supportive environment for shared goals.

SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, React.js, MATLAB, Swift (iOS)

Tools: IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Adobe CC, Django

REFERENCES

Names and addresses of 2 referees will be made available upon request.