Shadya Gard Obuya

Software Developer

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github.com/Shadyaobuya ⭘

Obuya is a Software developer with an aptitude for analytical concepts. Currently, she is working on a reward system that employs blockchain technology to build trust and equality. As an Artificial Intelligence enthusiast, she believes in building ethical and responsible AI-powered solutions to solve the world's most pressing problems. She is a firm believer that "AI is going to change the world more than anything in the history of mankind. More than electricity " ~ Dr. Kai-Fu Lee.

EDUCATION

AkiraChix
codeHive-Diploma in Information Technology

02/2021 - Present

Courses

- **Back-end Web development-**Object-oriented Programming using Python .Using Models, URLs, and Views to make dynamic web pages in Django.
- **Front-end Mobile Development**-Object-oriented programming using Kotlin.Consuming APIs using retrofit library, MVVM model.
- **Front-end Web development-** JavaScript ES6 syntax, promises, and DOM Manipulation to create functioning web pages,Node js.
- **UI/UX Design -**Creating wireframes and mockups using Figma and Adobe illustrator.
- **UX Research-** Carrying out research using qualitative and quantitative methods. Writing research documentation including Desk research and Research Plan.
- **UX Development** -Creating Static web pages using HTML5 elements and CSS. Using Bootstrap.

Maryhill Girls' HighSchool
Kenya Certificate of Secondary Education

02/2014 - 02/2017

REFERENCES

Linda Kamau| Managing Director and Co-Founder
AkiraChix

lkamau@akirachix.com

James Mwai | Co-Founder and CTO | Google Developer Expert
Sky Garden

smartemwa@gmail.com

SKILLS

Ability to use templates, views, and models to create dynamic and interactive web applications in Django.

Possess Knowledge of object-relational mapping and writing and debugging SQL queries.

Ability to write clean code, debug, and test programs to meet business needs.

Knowledge in promises and DOM manipulation to modify an HTML document to be rendered on a browser.

Comfortable with Version control tools i.e Git and can work collaboratively with a team.

Able to contribute to code documentation and readability.

Can convert designs to responsive web pages using HTML5, CSS, and Bootstrap.

PERSONAL PROJECTS

To do List App
- Created a To-Do List App in Django, HTML, and Bootstrap where users can signup and add, delete and view their tasks.
- https://my-manager-to-do-app.herokuapp.com/ ↗

Bank Account System
- Built a Bank Account System using Python Classes where users can create an account withdraw, deposit, borrow and transfer money.
- https://github.com/Shadyaobuya/Python/blob/master/bank.py

Student Registration
- Created a student registration system using Python and Sqlite3 that helps a user add, delete, and update students' information to the database.
- https://github.com/Shadyaobuya/StudentRegistration

Reward System
- Currently working on a reward system that leverages blockchain technology. Conducted desk research on the current reward system in AkiraChix and developed a research plan. Desk Research Report: https://docs.google.com/document/d/1weKtF68gC0ml3mM6FOBSKmT901vtWVDPcxofp4dwxsw/edit?usp=sharing
- Research Plan: https://docs.google.com/document/d/1wCQRMt7zlVqxArlpglpl7721l1gJn6pMYm5UJstTyhw/edit?usp=sharing