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|  | | |  | Isheunesu Tembo |
| Education  * Currently doing Bachelor in Software Engineering * Deep Learning Specialization Coursera <https://coursera.org/share/0b3971b19b56a19e128d795fc983b189> * Tensorflow Specialization Coursera   <https://coursera.org/share/ee29762cc771fa2c53f74cc5936773e9> Software Projects  1. **Android Online English Quiz Application**  * created an online quiz application that allows users to take English quiz questions * Integrated Firebase authentication , database into the application * Implemented firebase database UI to populate the recyclerview with data from firebase database * Used object oriented programming to create model classes that retrieve and send data to firebase * Integrated glide library to retrieve images from the database and populate the imageview   **Project link**  https://github.com/isheunesutembo/Android-Quiz-    **2.TB Computer Aided Diagnosis using Deep Convolutional Neural Net (ResNet Model)**   * created a deep learning flask web app to detect Tuberculosis * trained a convolutional neural network using keras api and tensorflow to train on tuberculosis images * used flask to create the api for sending and requesting data from the machine learning model   **Project link**  <https://github.com/isheunesutembo/TB-Computer-Aided-Diagnosis-Using-Deep-Learning>  **3.Web App to predict house prices using machine learning**   * Implemented a flask web application that uses a random forest trained machine learning model to predict house prices. * Used scikit-learn to implement the random forest model   **Project link**  <https://github.com/isheunesutembo/Predicting-House-Prices-Using-Random-Forest-Flask-Web-Application>  4.**Deployed an application on google playstore**   * Created a mobile application to allow users to buy ,sell and rent out houses * Implemented an authentication system using Firebase * Implemented a database architecture using Firebase Firestore * Created model classes using object oriented programming paradigm to send and receive data from Firestore database   https://play.google.com/store/apps/details?id=com.tembosoftwaresolutions.abc Skills **Proficient in**   * Java, * python, * Object Oriented Programming , * Data structures and Algorithms , * Native android development , * Deep Learning * Flutter and dart programming language |
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