

SYEDA FATEH

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INTERESTS

Mobile Application Development, Web Development

PROJECTS

Tracey App

Computer network diagnostic commands for displaying possible routes and measuring transit delays of packets across an Internet Protocol network for mobiles.

- A tool to trace the hops of the request generated by your phone
- App is written using flutter framework
- An android application for detecting the route of network request
- Backend is written in flask, using python threads
- Code: Tracey

Let's Quiz

Testing the concepts from computer science to help prepare for job interviews on daily basis and keep track of their progress.

- An app for students to practice their technical skills
- An android app written using flutter framework
- Data of the users is stored in firebase database
- Variety of topics for quizzes
- Code: Let's Quiz

Budget Buzz

An app for students living in hostels to plan their budget automatically using machine learning by helping them manage their monthly expenses.

- An android app written using flutter framework
- A web interface written using html and css
- Data of the users is stored in firebase database
- User enters his monthly income and this app make a suitable budget for him
- Code: Budget Buzz

Face Recognition

The problem of identifying a specific person and recognizing him from within a group of people by using the techniques of template matching.

- Face recognition from a larger picture containing group of people
- Genetic Algorithm GA based approach, applied cross over and mutation
- Pearson Correlation for matching probability
- Functions from scratch using numpy and matplotlib instead of openCV
- Code: Face Recognition

Lexer for Cpp

A lexical analyzer (compiler component) for Cpp language.

- Designed a lexical analyzer for Cpp language to check whether a string is acceptable by Cpp language or not
- Code: Cpp Lexer

Search Engine

A search engine for movies.

- A project in which we design a search engine for 9million movies' data

Fast Food App

A platform for displaying the fast foods, their prices, quantities and categories.

- A web-based pizza display app
- Python web framework, Django was used
- SQLite Database was used for data storing

WORK EXPERIENCE

Teaching Assistant

Data Structures and Algorithms

📅 Jan 2022 - Mar 2022 📍 Namal University

Teaching Assistant

Digital and Logic Design

📅 Jan 2020 - Mar 2020 📍 Namal University

EDUCATION

BSC.(HONS), Computer Science

Namal University, Mianwali

📅 Oct 2018-June 2022 📍 Mianwali

🎓 Score: 3.761/4.0

TECHNICAL EXPERTISE



COURSES AND CERTIFICATIONS

Machine Learning

- Offered by Stanford University
- Taught by Andrew Ng

EXTRA CURRICULAR ACTIVITIES

- Part of the team that organized trips and tours for students.
- Part of open source society OSS, promoted open source technology.

REFERENCES

Will be provided on request.