

Hasan Askari

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Education

- 2019– Jun'23 **FAST National University of Computer and Emerging Sciences,**
Computer Science, Bachelors of Science (BS).
- 2017– 2019 **Government Degree College Gulshan-e-Iqbal Block 7,**
Higher Secondary School Certificate (HSSC) in Pre-Engineering, Aggregate – 70 %.
- Apr 2017 **Karachi Public School,**
Secondary School Certificate (SSC), Aggregate – 80 %.

Experience

- Sept 2022– **Full Stack Development Intern,** AGIGO.IO, KARACHI.
Ongoing
 - Working on frontends of multiple projects using **React, Bootstrap & Tailwind**
 - Working with **MongoDB & MySQL** databases
 - Working with **Axios** for API integration in React
 - Using **ExpressJS** frameworks for developing **REST APIs**
 - Using **Git/GitHub** for version control
- Aug 2022– **Student Teaching Assistant,** FAST NUCES, KARACHI CAMPUS.
Jan 2023
 - Course: **Database Systems**
 - Evaluating assignments and projects of a class of 37 students
- Nov 2021– **Web Development Intern,** LUCIDBIT.CO, KARACHI.
Jan 2022
 - Worked on mostly frontend but also on backend of various websites using:
 - Used **HTML, CSS, Bootstrap & JQuery** for frontend.
 - Used **PHP** for server-side scripting language.

Projects

Online Learning Platform, WEB DEVELOPMENT.

- Worked on an "Online Learning Platform" web app.
- Used **HTML, Bootstrap & JavaScript** for frontend.
- Used **phpMyAdmin & MySQL** for database and **PHP** for backend.

Offense Hate Speech Detection, MACHINE LEARNING.

- Implemented machine learning models to predict offensive & hate speech texts in social media dataset.
- Training & test are performed after preprocessing on **Logistic Regression, Naive Bayes, Decision Tree, SVM & Random Forest** models. Later we saw that SVM model produces the best accuracy.

Comparison of 3 Sorting Algorithms, PARALLEL COMPUTING.

- Implemented **Bubble, Insertion & Quick Sort** algorithms in 3 different modes: **OpenMP, Pthreads & Serial** in **C language**.
- GNU PLOT** was used to compare and visualize the results on 3 different Linux distributions: **Kali Linux(2021.3), Linux Mint(20.02) & Ubuntu(20.04).**

Skills

- General Linux, Microsoft Office, Git/GitHub, LaTeX
- Tools Visual Studio Code, Docker, BurpSuite, Postman, WireShark, Terminal, Shell
- Languages C, C++, Python, JavaScript, HTML, CSS, PHP, SQL
- Frameworks React, NodeJS, ExpressJS, Bootstrap, Tailwind
- DBMS Oracle SQL Developer, MySQL, MongoDB
- Soft Skills Google search, Problem solving, Critical thinking, Desire to learn, Stress & Time Management

Extra Curriculars

- Ongoing Final Year Project: *Anomaly Detection using Deep Learning.*
- Ongoing Learning Red Team Penetration testing through online platforms.
- May 2022 Organized Hackathon in Developer's Day in collaboration with AWS-Pakistan.

Personal Details

- Language English, Urdu
- Hobbies Gaming, Football, Cricket, Cycling, Movies and TV Shows.