Abdullah Mehtab

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○ Abdullah-Mehtab (GitHub)   in linkedin.com/in/abdullah-mehtab   🔗 Portfolio Website

PROFILE

Dedicated Computer Science undergraduate at Forman Christian College, recognized on the Vice Rector's Honor List with a CGPA of 3.94, with a minor in Mathematics. My academic background, hands-on project experience, and involvement in tech events and societies have equipped me with strong skills in cybersecurity, AI & machine learning, IoT, and web development. I am proficient in multiple programming languages and tools, and I thrive on solving complex challenges while driving innovation through technology, but my main motivation is MONEY.

CORE COMPETENCIES

Cybersecurity
(Offensive & Defensive Security)

General Programming (Python, C/C++, Java)
(Software Dev, Competitive Coding, DSA)

Data Science
(Data Analytics, Visualization, BI Tools)

Machine Learning
(Supervised/Unsupervised Learning, Model Development)

Embedded Systems & IoT
(Arduino, Raspberry Pi, ESP32, Smart Devices)

Web Development
(Frontend, Backend, Full Stack)

Artificial Intelligence
(NLP, Expert Systems, Search Algorithms)

Mathematical Foundations for Computing
(Probability & Statistics, Calculus, Discrete Math, Linear Algebra, Multivariate Calculus, Differential Equations, Number Theory, Numerical Computing)

EDUCATION

Bachelorette in Computer Science | Minor in Mathematics   03/2021 – present
Forman Christian College (A Chartered University) ⧉   Lahore
  CGPA: 3.94 *(5x Vice Rector's Honor List)*

Intermediate | F.Sc (Pre-Engineering)   2018 – 2020
KIPS College   Lahore

Matriculation   2016 – 2018
Allied School System   Lahore

WORK EXPERIENCE

Teacher Assistant   09/2023 – present
Forman Christian College (A Chartered University)
- Keep track of student information using Excel
- Hold viva sessions for quizzes, labs, and assignments
- Lead weekly lab sessions for different courses.

Developer ServiceNow   09/2024 – 10/2024
Rizviz International Impex
- Communicating with foreign clients
- ITS Module (Client Specific Modules)

Remote Project Manager   03/2023 – 01/2025
Freelancing
- Research on given topics
- Documentation (Report Writing)
- Communicating with team

PROJECTS

Integrated Security System (Wazuh & ELK Stack on Raspberry Pi) *Final Year Project (In progress)*	11/2024 – present
Smart LED On-Time Monitoring System (ESP32, G-Sheets, WebApp) ⬀	12/2024
Small Scale Search Engine (DSA) ⬀	04/2022
AI-Powered University Admissions Chatbot (Python) ⬀	01/2025
Cab/Taxi-Management-System (Tkinter) ⬀	03/2022
Linear Regression Machine Learning in Assembly ⬀	01/2024
Ludo Game GUI (Pygame) ⬀	11/2021
Facial Image Recognition (Tensorflow) ⬀	05/2021
Space Invaders Game GUI (Java, Swing) ⬀	01/2022
Gol-Gappay Stall Management System (SQL) ⬀	01/2023
Line-Following Mini-Robot (Car)	12/2022
Bluetooth Controlled Car (Arduino) ⬀	11/2023
2048 Game (C++) ⬀	05/2023
Expression Parser Compiler Construction (C) ⬀	04/2024
Task Management Web Application (HTML/CSS/JS) ⬀	02/2025

AWARDS & ACHIEVEMENTS

5x Vice Rector's Honor List
Forman Christian College (A Chartered University)

2nd Place – Web Development Competition
Forman Ignite 2024

3rd Place – Programming Competition
Google Developer Student Club (GDSC), 2023

Top 10 Finalist – Programming Competition
FAST SOFTEC 2024

Finalist – Line Following Robot Competition
FAST SOFTEC 2025

SKILLS

Languages — C │ C++ │ Python │ Java │ MIPS Assembly │ JavaScript │ HTML │ CSS

Frameworks & Libraries — TensorFlow │ Tkinter │ Pygame │ Swing │ Arduino

MS Office (Word, Excel and PowerPoint)

Additional — Data Structures & Algorithms │ Algorithm Development │ Automata Theory │ Version Control │ Project Management │ Compiler Design

CO-CURRICULAR ACTIVITIES

Activities Coordinator of ACM & Active Participant in CS Societies   08/2023 – 07/2024
Association for Computing Machinery (FCCU)

Activities Coodinator of Forman Ignite 2k24   02/2024 – 07/2024
ACM, IEEE, GDSC, OmniLife (FCCU)

XR Hackathon Development   08/2022 – 10/2022
OmniLife (FCCU)
- Managed a large-scale XR hackathon event
- Coordinating teams and ensuring timely execution of projects.

REFERENCES

Dr. Nazim Ashraf, *Senior Lecturer,* Indiana University
nazimashraf@fccollege.edu.pk

Miss Asma Basharat, *Co-founder Women in STEM Pakistan,* IEEE
asmabasharat@fccollege.edu.pk

LANGUAGES

- English (fluent)
- Urdu (native)
- German (A1)