

Abdullah Mehtab

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🌐 [Abdullah-Mehtab \(GitHub\)](#) 🔗 [linkedin.com/in/abdullah-mehtab](https://www.linkedin.com/in/abdullah-mehtab) 🌐 [Portfolio Website](#)

PROFILE

Dedicated Computer Science undergraduate at Forman Christian College, recognized on the Dean's Honor List, 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

Forman Christian College (A Chartered University) 🌐

CGPA: 3.9 (6x Vice Rector's Honor List)

03/2021 – present

Lahore

Intermediate | F.Sc (Pre-Engineering)

KIPS College

2018 – 2020

Lahore

Matriculation

Allied School System

2016 – 2018

Lahore

WORK EXPERIENCE

Engineering Intern – tkxel (Txxelerate Internship Program)

Txxel 🌐

- Cross-functional rotation mentorship.
- Project-based learning (coding, Agile, debugging, testing)
- Orientation, cultural activities, social media campaigns
- Exposure to fast-growing tech firm (Inc. 5000, 94% client satisfaction)

07/2025 – Present

Teacher Assistant

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.

09/2023 – present

Remote Developer & Project Manager

Self-employed Freelancing

- Delivered custom solutions to clients worldwide
- Automation scripts, data processing tools, algorithmic programs
- Technical Research with Documentation (Report Writing)
- Communicating with team

03/2023 – 01/2025

PROJECTS

Cyber Sentinel: Security Monitoring System using Wazuh on Raspberry Pi	11/2024 – 06/2025
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 <i>Association for Computing Machinery (FCCU)</i>	08/2023 – 07/2024
Activities Coodinator of Forman Ignite 2k24 <i>ACM, IEEE, GDSC, OmniLife (FCCU)</i>	02/2024 – 07/2024
XR Hackathon Development <i>OmniLife (FCCU)</i> <ul style="list-style-type: none">Managed a large-scale XR hackathon eventCoordinating teams and ensuring timely execution of projects.	08/2022 – 10/2022

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

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| • English (fluent) | • Urdu (native) | • German (A1) |
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