

Abdullah Naeem

Lahore, Pakistan

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EDUCATION

Forman Christian College University
BSc Computer Science – CGPA: 3.221

Oct 2022 - May 2026

Beaconhouse College Gulberg
A-Level – 2B, 1C

Jun 2022

PROFESSIONAL EXPERIENCE

WWF-Pakistan – Digital Eco Internship Programme
2021

June 2021 – July

Remote – Intern

- Completed 30 hours of community service focused on environmental awareness and conservation strategy.
- Engaged in research and educational modules addressing global environmental challenges with localized solutions.
- Authored an environmental impact paper proposing actionable initiatives within the Pakistani context.
- Promoted WWF's mission during the pandemic, supporting digital outreach and community engagement efforts.

ACADEMIC PROJECTS

Movies Management System – Group Database Project [GitHub](#)

Technologies: MySQL, SQL

- Designed and populated a relational database with 9,500 + movie records, modeling entities such as Movies, Actors, Directors, Genres and Awards
- Implemented many-to-many relationships (e.g., via a MovieActors junction table) to reflect multiple castings per film
- Authored complex SQL queries and stored procedures to extract key insights (e.g., top-rated films by genre, actor filmographies)

Space Invader Game –Pygame Project [GitHub](#)

Technologies: Python, Pygame

- Developed a fully featured Space Invaders clone, implementing player controls, enemy wave logic, collision detection, scoring, and lives system
- Integrated custom sprite assets (ship, lasers, backgrounds) and sound effects/music for an immersive gameplay experience

Housing Price Prediction Using Regression Models [Github](#)

Machine Learning Course Project – Forman Christian College University

Technologies: Python, Pygame

- Developed a regression-based prediction system to estimate housing prices using real-world data from Taiwan.
- Applied and compared five models: Linear Regression, Ridge, Lasso, ElasticNet, and Polynomial Regression using scikit-learn.
- Evaluated models using MSE and R^2 scores, achieving the highest accuracy with Polynomial Regression ($R^2 \approx 0.73$).
- Visualized model performance and feature importance to support interpretability and insights.

CO-CURRICULAR ACTIVITIES

Forman Islamic society (FIS)

Lahore, Pakistan

Lead Social Media

October 2023 – May 2024

- Led and managed the social media accounts for Forman Islamic society for the whole academic year.

RESEARCH EXPERIENCE

Lahore, Pakistan

Chatbots in Pakistani University Education [GitHub Link](#)

Forman Christian College University

May 2023

- Conducted independent research on the role of AI chatbots in Pakistani university education as part of undergraduate coursework.
- Analysed adoption trends, educational impact, and student/instructor perspectives using case studies and local data.
- Evaluated the benefits and limitations of integrating chatbots in academic workflows such as Q&A, tutoring, and administrative support.
- Developed academic writing, referencing (APA), and critical analysis skills through formal documentation and review.

CERTIFICATIONS

- Introduction to data science – **Cisco Skillsbuild**

November 2024

SKILLS & INTERESTS

Skills: Presentations, Python, SQL, C ,R

Interests: Coding, Paddle Tennis, Crypto, travelling