

NAWAL MAHMOOD

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<https://github.com/NAWALMOOD>



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EDUCATION

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- ❖ **University of Engineering and Technology** | CGPA: 3.46/4.00 Taxila, Pakistan
(Nov 2021- June 2025)
- BS Software Engineering

Relevant Coursework: Intro to CS, Intro to Software, Discrete Structures, Human-Computer Interaction, DSA, Software Requirement Engineering, Object-Oriented Programming, Calculus

SKILLS

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- ❖ **UI UX Design** Figma
- ❖ **Frontend Web Development** HTML, CSS, JavaScript
- ❖ **Languages** C++, Python, Java
- ❖ **Software Tools** Dev C++, Eclipse, VS Studio, PowerPoint, Excel, MS Word, Star UML, Figma

ACADEMIC PROJECTS

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- ❖ **University Application Design Prototype (HCI)** (Jan 2023- Feb 2023)
- Designed a user-friendly university admission website using human-computer interaction principles and user surveys, interviews, and testing.
 - This Figma prototype allows the students to search for universities by interests, programs, ranking, and fees.
 - Simplified the application process by enabling users to apply to up to 100 universities with a single data entry. Tested the design for usability, accessibility, and functionality.
- ❖ **Calculator-FX (Java, JavaFX):** (April 2022)
- Created a basic calculator using Java Eclipse and added some UI features using Scene Builder.
 - The Calculator is a basic calculator that does the basic functionalities of math.
 - The users are also allowed to add the input in any form including decimal numbers.
- ❖ **Pacman (Game Development using OOP Java, JavaFX):** (January 2023)
- Developed Pacman game with a group of three students using JavaFX to build the game's front page.
 - Used OOP concepts such as inheritance and JavaFX for the project. This game was created a bit differently in which how the game ends and starts.
 - I developed the interface, characters, and maze of the game using JavaFX.

EXPERIENCE

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- ❖ **Content Writer | Apna Tutor (Startup)** (Dec 2022)
- Create high-quality, SEO-optimized content for the company blog, website, and social media channels.
 - Collaborate with marketing and design teams to develop content strategies and ensure alignment with business objectives.

POSITION OF RESPONSIBILITY

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- ❖ **GDSC | UET Taxila** (Dec, 2021 - Present)
- Organized hackathons & conducted sessions for 300+ college students on Web Development-related topics.
- ❖ **IEEE-CIS Summer School Ambassador | Riphah International University** (Jan, 2023 - March 2023)
- ❖ **IEEE-WIE | UET Taxila** (Nov, 2021 - Present)
- ❖ **IEEE-PES | UET Taxila** (Nov, 2021 - Present)
- ❖ **Youth Club and Wake Up o Youth** Active Member and Research Leader