






# Muhammad Amin

User Experience Designer

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## About Me

Passionate about User Experience Design with a background in Electrical Engineering and currently pursuing a master's degree in the field and working as UX designer along studies. Skilled in creating user-friendly designs, prototype and animations. Enjoys finding innovative solutions to improve technology usability. Excited to contribute to the field of HMI and IoT.

## Work Experience

05/2024 – Current

### UX, Interaction Designer for vehicle HMI | Spiegel Institut GmbH

Work Part-time during semester and Full-time during semester break,

- Developed functional in-vehicle display (FID) and center information display (CID) prototypes by interconnecting assets from Spline, Unity, Mapbox, and Figma via local server using Prototipe.
- Integrated cross-departmental assets into ProtoPie, enabling seamless collaboration without disrupting existing workflows and testing prototype on real targets.

03/2020 – 04/2023

### Freelancer as a Graphic designer and Animator | Fiverr

Full time freelancer and successfully delivered more than 800 projects for international clients.

- 3D models / Game Assets / Logo Design
- 2D animations / motion graphics
- Figma Prototype

05/2020 – 08/2021

### IT and Network Engineer | Humanetek PVT Ltd

- Managing Internet connectivity related issues by directly contacting ISP.
- Created virtual private network to make sure that the data on the server is completely secure to access.

## Education

03/2023 – Current

### Master in User Experience Design

Technische Hochschule Ingolstadt

Germany

09/2016 – 09/2020

### Bachelor of Science in Electrical Engineering

The University of Lahore

Pakistan

# Honours and Awards

## Certificate of Excellence and Gold medal

### The University of Lahore

The Certificate of Excellence and Gold medal has been awarded to me for achieving 1st Position in Bachelor of Science in Electrical Engineering in the Batch of Winter 2016.

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## Skills and Expertise

### Graphics design and Animations

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|-----------------------|--------------------|--------------------------|
| • Blender 3D modeling | • Interface Design | • User Experience Design |
| • Rive                | • Adobe Photoshop  | • Adobe Illustrator      |
| • Adobe After Effects | • Adobe XD         | • MR VR                  |

### HMI Prototyping

- |                   |          |          |
|-------------------|----------|----------|
| • Protopie        | • Spline | • Mapbox |
| • Figma Prototype |          |          |

### IT and Programming

- |                            |           |                       |
|----------------------------|-----------|-----------------------|
| • Virtual Private Networks | • C++, C# | • Unity 3D            |
| • Unreal Engine            | • Python  | • Server/client setup |

### Microcontrollers

- |                            |         |           |
|----------------------------|---------|-----------|
| • Arduino Uno (ATmega328P) | • ESP32 | • PIC1640 |
| • ESP8266                  |         |           |

### Collaboration and Documentation

- |             |                               |           |
|-------------|-------------------------------|-----------|
| • MS Office | • Google Docs, Sheets, Slides | • Figjam  |
| • Miro      | • Trello                      | • Discord |
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## Projects

2019

### IoT based Power Monitoring & Control smart sockets

- Measuring non linear load (specially THD) is challenging through small measuring devices.
- Proposed solution helps in measuring non linear loads, also control it through IoT cloud and App

2023

### AI powered Book Recommendation System (Prototype)

- Recommend books to the user based on their interest with help of AI Book recommendation extension in Self service machine inside the Library
- Focused on solving a UXD problem with help of AI

2023

### VR Game Design , Metaversity (Natural User Interface)

- Project is related to Natural User interface built on Unity Engine
  - Focused on problem solving using VR Game
  - Importance of Biomechanics during VR game and application design
  - Built User Friendly game assets (3D model) and improve motion sickness problem with better post processing.
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## Language Skills

English	Fluent
German	Beginner