

Sara Rasool

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Portfolio link: <https://sarxt.github.io/portfolio/>

Education

Ghulam Ishaq Khan Institute of Engineering Sciences & Technology

B.S. Computer Science.

GIKI

June 2020 - June 2024

Projects

Donate Us

Group Project

- Programmed a website for a welfare society that allows the user to register, donate and see society's work.
- Built front-end using HTML, CSS and JavaScript.
- Site keeps the data of the donors and the employees by using SQL database.

AI-based Image classification with Convolutional Neural Network

Group Project

- Developed an AI-powered CNN model achieving 88% accuracy for classifying 60,000 CIFAR-10 images.
- Utilized the Keras library to preprocess the data, including pixel value normalization and one-hot encoding of target labels.
- Made a CNN architecture with Conv2D, MaxPooling2D, BatchNormalization, Dropout, and Dense layers, incorporating data augmentation for improved generalization.

Experience

GIKI Science Society

GIKI

Head Graphic Designer

Feb 2021 - Present

- Worked with marketing team and creative teams to design graphic assets, which doubled the social media reach in 2 years.
- Designed 50+ graphic assets, for the society's social media page with over 22K followers.

Quizzzy

Remote

UI/UX Designer | Internship

June 2022 – Aug 2022

- Gained valuable experience in user-centered design, prototyping and usability testing.
- Designed wireframes and high-fidelity mockups using Adobe illustrator.
- Delivered a training session on UI/ UX design principles for 25 team members.

Oppia Foundation

Remote

Opensource Contributor

March 2022 – June 2022

- Created illustrations and interactive lessons for students on Basic Science and Mathematics.
- Conducted audits of existing lessons, for areas that might confuse learners.
- Implemented Oppia Lessons on the website.

Skills & Interests

Languages: C++, JavaScript.

Technologies: CSS, HTML, SQ, Machine Learning, Data Analytics.

Tools: Linux, Git, Figma, Adobe Illustrator.

Course Work: Operating System, Cyber Security, Data Structures and Algorithms, Intro to Database, Computer Networking

Interests: Blogging, Web Designing, Digital Art, Programming.