



Yasar Yasar

Date of birth: 29/11/2001

Place of birth: Gujranwala , Pakistan

Nationality: Pakistani

CONTACT

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ABOUT ME

Dedicated final-year Computer Science student with a **CGPA of 3.84/4.0** and strong research interests in Artificial Intelligence and Cybersecurity. Certified in **Data Science and MS Office**, with practical experience in backend development, computer vision, and secure systems. Passionate about advancing research in AI-driven systems and post-quantum security architectures.

EDUCATION AND TRAINING

- 09/2017 – 10/2019** Gujranwala, Pakistan
 - Matriculation** Govt High School, Jalal Balagan Gujranwala
- 11/2019 – 10/2021** Gujranwala, Pakistan
 - Intermediate in Computer Science** Punjab Group of Colleges
- 11/2022 – CURRENT** Gujranwala, Pakistan
 - Bachelor of Science in Computer Science** University Of Central Punjab

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

OTHER LANGUAGE(S): English

SKILLS

web develeopment | SQL | C++ | Python (computer programming) | Microsoft Excel | Microsoft Word | Javascript(Nodejs, Expressjs)

CERTIFICATIONS

- IBM**
 - IBM Data Science Professional Certificate**
 - Gained practical knowledge in data analysis, data visualization, Python, SQL, and machine learning.
 - Worked with tools such as Jupyter Notebook, Pandas, NumPy, and IBM Watson Studio.
 - Completed hands-on projects involving real-world datasets.
 - MS OFFICE, 10/2019**
 - Microsoft Office Specialization**
 - Advanced proficiency in MS Word, Excel, and PowerPoint
 - Academic documentation, data analysis, and professional presentations
- Mode of learning:** Work based

PUBLICATIONS

- 2026**
 - AI-Adaptive Education**
 - Conducted research on machine learning-based adaptive learning systems.
 - Designed models to personalize educational content and enhance learner engagement.
 - Focused on improving academic performance through AI-driven analytics.
- Publisher** NOT PUBLISHED YET

2025

Quantum Computing Threats on Cybersecurity

- Analyzed the implications of quantum computing on RSA and ECC cryptographic systems.
- Studied vulnerabilities in classical encryption algorithms.
- Explored post-quantum cryptographic strategies for future security frameworks.

Journal Name Springer | Publisher publishing(in review)

PROJECTS

Duplicate Image Detection System (Python, OpenCV)

Developed a computer vision-based system to detect duplicate/similar images. Implemented feature extraction and image similarity comparison techniques.

Backend API (Node.js & Express.js)

- Designed and implemented RESTful API with CRUD functionality.
- Structured backend architecture and performed testing using Postman.

Digital Logic Design Exhibition (2023)

- Participated in academic exhibition presenting applied digital logic concepts.

AI-Based Space Mission Analyzer

- Designed an intelligent decision-support system for space missions.
- Analyzed mission-critical parameters such as fuel levels, oxygen supply, and environmental constraints.
- Applied rule-based and AI-driven evaluation methods to optimize mission safety and performance.
- Focused on predictive analysis for mission sustainability.

AI-Driven Cybersecurity SOAR System

- Developed a Security Orchestration, Automation, and Response (SOAR) framework.
- Integrated AI-based adaptive learning to detect and respond to cyber threats.
- Designed system to learn from historical attack patterns and improve detection accuracy over time.
- Implemented automated threat analysis and response mechanisms.

Professional Projects

Projects. Live

<http://kokokids.pk>

<https://www.amglegisinn.com>

COURSES STUDIED

2022 – CURRENT

Courses studied untill 6 semesters

- Object Oriented Programming
- Computer Communications and Networks
- Computer Organization and Assembly Language
- Data Structures and Algorithms
- Database Systems
- Programming for Big Data
- Web Application Development
- Design Analysis of Algorithm
- Artificial Intelligence
- Theory of Automata