

Atesam Abdullah

I am a junior majoring in AI.

Karachi, Pakistan.

+92-314-3680227

atesamabdullah8@gmail.com

<https://www.linkedin.com/in/atesam>

<https://github.com/ATESAM-ABDULLAH>

EDUCATION

Ghulam Ishaq Khan Institute, Topi — Bachelors (ongoing).

SEP 2021 - JUL 2025

- CGPA: 3.54.
- Volunteer IEEE GIKI chapter.

Karachi Grammar School, Karachi — A level.

SEP 2019 - JUNE 2021

- Module sub-head KGX 2021.

Cadet College Petaro, Jamshoro — O level.

MAY 2016 - JUL 2019

EXPERIENCE

Indaraj, Lahore — Jr AI Engineer.

APR 2023 - ongoing

- Collaborated with the team to design and deploy machine learning models, leveraging my expertise in the field.
- Assisted in data preprocessing, feature engineering, and model evaluation, ensuring the successful delivery of innovative solutions to clients.

NJV School, Karachi — Teaching Assistant (Robotics).

MAR 2020 - APR 2020

- Improved student grasp of subject content by developing and giving tests and quizzes, resulting in a 25% rise in class averages.
- Increased project completion rates by troubleshooting complex circuits effectively.

The Garage School, Karachi — Teaching Volunteer (English).

JAN 2020 - FEB 2020

- Helped students progress from non-spoken to conversant English in everyday situations, boosting confidence and communication abilities.
- Improved weekly volunteer engagement by 300 minutes (30 minutes per person) by developing individualized timetables for volunteers in collaboration with instructors and staff.

SKILLS

Proficient: C++, Python, SQL, PL/SQL, RDBMS, HTML, CSS.

Competent: MongoDB, Javascript, Computer vision, ML, DL, Neural networks, UNIX.

Framework/libraries/tools: PyTorch, Tensorflow, Pandas, Flask, React.js, Redux, IBM Watson, Oracle DB, SQL developer.

PROJECTS

[Sign Language to Text system](#) — (Python, CVstudio, Tensorflow):

- Built a program capable of translating American sign language to English text.

[Weather Report WebApp](#) — (HTML, CSS, API, Flask):

- Designed and developed a web app that provided up-to-date weather reports for any location.

[Concrete Crack Detection](#) — (Pytorch (resnet18), PIL, Watson studio):

- Built a CNN capable of detecting cracks vs. blemishes in concrete through images or video..

AWARDS

- **Dean's Honor List (3.70, 3.69)** — GIKI : Fall 2022 , Spring 2023.
- **Outstanding Academic Achievement** — Habib university : Feb 2021.
- **Won 4 comp-sci olympiads** — Scimatrix,Epsilon,Omicron,KGX. : 2020.
- **Gold Medal** — International Kangaroo Linguistic Contest : 2018.

CERTIFICATIONS

- [AI Foundation for Everyone](#). — IBM (3 courses).
- [IBM AI Engineering](#). — IBM (6 courses).
- Google Data Analytics. — Google (8 courses).
- [Responsive Web Design](#) + [Front End Development Libraries](#). — FreeCodeCamp.
- [JavaScript Algorithms and Data Structures](#). — FreeCodeCamp.