



SHAYAN ABRAR

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Dhaka, Bangladesh

EXPERIENCE

• Outlier AI

Oct 2024 - Feb 2025

AI Data Trainer (Remote)

San Francisco, USA

- Trained 500+ AI responses, reducing factual errors by 30 percent through iterative feedback.
- Engaged in text conversations with AI models, providing feedback on language accuracy, cultural nuances, and tone to enhance performance.
- Reviewed AI responses for factual errors, grammar, and adherence to instructions, ensuring truthful, relevant, and harmless outputs.
- Collaborated with AI developers to refine language capabilities, streamlining communication, and improving human-like interaction quality.

• Maestro Solutions Ltd.

Jul 2025 - Sept 2025

Internship (On-Site)

Shyamoli, Dhaka

- Developed a Python GUI tool (Tkinter, Matplotlib, MySQL) to visualize real-time server log traffic with dynamic IP/port distribution charts.
- Optimized SQL analytics for anomaly detection, extracting IP/port trends, and automating visualization of high-frequency network activity.
- Built a Python tool for TP-Link routers to scrape network data (WAN/LAN, wireless, devices) using Selenium, BeautifulSoup, and JSON APIs, producing JSON reports.
- Designed modular, error-resilient code with regex parsing and HTTP authentication, enabling efficient diagnostics across diverse router interfaces.

EDUCATION

• American International University - Bangladesh

Feb 2022 - June 2025

BSc in Computer Science and Engineering

Kuril, Dhaka

- CGPA: 3.56/4.00

• Govt. Mohammadpur Model College

Apr 2018 - Feb 2020

HSC

Mohammadpur, Dhaka

- CGPA: 4.92

PROJECTS

• Project A: Cipher Encryptor/Decryptor

Dec 2024

Python

- Developed a substitution cipher to transform text using randomized character mappings.
- Developed text transformation algorithms with parallels to NLP tokenization and efficient reversible mappings.

• Project B: Dice Rolling Simulator

Oct 2024

Python

- Developed a probabilistic simulation tool that generates random dice rolls with configurable inputs, displaying results via ASCII art.
- Demonstrated randomness generation (statistical modeling foundation), data visualization (ASCII output), and user input handling (analogous to ML parameter tuning).

SKILLS

- **Python:** NumPy, pandas, Matplotlib, Tkinter, Scikit-learn
- **AI/ML Libraries:** Hugging Face Transformers, spaCy
- **Frameworks:** PyTorch (priority for research roles), TensorFlow (for deployment)
- **Version Control:** Git/GitHub
- **Data Management:** MySQL, PostgreSQL, SQL
- **Web Scraping:** Selenium, BeautifulSoup
- **APIs:** JSON, REST

PUBLICATIONS

C=CONFERENCE

- [C.1] Shayan Abrar, et al. (2025). "Smart Diagnosis and Early intervention in PCOS: A Deep Learning Approach to Women's Reproductive Health". In *16th ICCNT 2025, IEEE Xplore*. [ACCEPTED]