

SYED TAHA

+92-334-315-4032 | Pakistan | syetaha@gmail.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Skilled software engineer with a background in AI and neural networks, skilled in developing and implementing AI models using Python. Experienced in creating custom neural network architectures and GANs, with a focus on computer vision applications. Demonstrated ability to solve complex problems and contribute to open-source projects.

TECHNICAL SKILLS

Languages	C++, Python, Bash
Concepts	Artificial Intelligence, Machine Learning, Deep Learning Object Oriented Programming, Git and GitHub.
Tools & Libraries	TensorFlow, Jupyter Notebooks

EXPERIENCE

Software Engineering Fellow	July 2024 - Present
Headstarter AI	Remote
<ul style="list-style-type: none">Developed and Deployed Personal Website Landing Page: Designed, developed, and successfully deployed a professional landing page to showcase personal projects and achievements.	

PROJECTS

- Generative Adversarial Networks (GAN):** Created a GAN with convolutional layers for generating 28x28 pixel images, demonstrating AI model implementation skills. ([GitHub](#))
 - Technologies:** Python, Jupyter notebooks, Tensorflow
- Chess Engine in C++:** Developed a chess engine with advanced AI for move validation and gameplay strategies. ([GitHub](#))
 - Technologies:** C++, Bash, Python, Raylib(C++)
- Neural Network from Scratch:** Designed and implemented a feedforward neural network in C++, covering aspects such as neural network architecture, activation functions, loss calculation, and backpropagation. ([GitHub](#))
 - Technologies:** C++

EDUCATION

Bachelor of Science, Computer Science, Institute of Business Administration (IBA), Karachi, Sindh
Expected May 2027

HOBBIES

- Photography :** Passionate about capturing moments and exploring different photography techniques.
- Making 3D Art and Visualizing Concepts :** Enjoy creating animations and visual models to illustrate complex ideas.
- Teaching :** Dedicated to sharing knowledge and helping others understand difficult concepts. ([LinkedIn](#))