# Yusuf Shaikh

**Plano, TX – linkedin.com/in/yfshaikh – github.com/yfshaikh**

## SUMMARY OF QUALIFICATIONS
- Extensive experience in AI theory and AI-related frameworks
- Proven skills in planning, strategy development, and knowledge of customer and client business processes
- Excellent team-building and management skills with demonstrated success

## EDUCATION
**University of Texas at Dallas (UTD)**                                                                Richardson, TX
Bachelor of Science in Computer Science
- GPA: 4.00
- AES Scholarship Recipient
- Hobson Wildenthal Honors

## TECHNICAL SKILLS
- **Programming Languages**: C++, Java, Python, HTML, CSS, JavaScript
- **Libraries/frameworks:** PyTorch, Tensorflow, React, Node.js, Express, Flask

## WORK EXPERIENCE
**Software Engineering Fellow**                                                                            Remote
*Headstarter.AI*                                                                            July 2024–Present
- Learning about modern AI technology, including Retrieval-Augmented Generation (RAG) and Vector Databases, and applying them to create projects with real-world applications

**Math tutor**                                                                            Hybrid
*High School and SAT math*                                                                            August 2023–Present
- Tutor 10+ students a week both online and in-person
- Prepare comprehensive lesson plans, communicate with parents, schedule lessons

## PROJECT EXPERIENCE
**CIFAR-10 Residual Network**                                                                            June 2024
- Built a residual network using PyTorch
- Classifies images in the CIFAR-10 dataset with over 85% accuracy after training for 25 epochs

## VOLUNTEERING/LEADERSHIP EXPERIENCE
**Eagle Scout Service Project**                                                                            December 2022–March 2023
*Boy Scouts of America*
- Carried out a 4 month, 120 hour service project for a local library
- Led and coordinated a team of volunteers
- Obtained multiple approvals from BSA leadership

**Islamic Relief**                                                                            August 2023–May 2024
*University of Texas at Dallas*
- Service committee for the 2023-2024 school year
- Help plan and execute service events for diverse causes, including refugee aid, helping the homeless, and refugee aid

## CERTIFICATIONS
- Convolutional Neural Networks in TensorFlow (DeepLearning.AI)
- Python for Data Science, AI, and Development (IBM)

## HONORS & AWARDS
- Dean's List (2 semesters)
- Eagle Scout (2023)
- AP Scholar with Distinction (2022, 2023)
- National Merit Scholarship Commended (2022)