Mohammad Samiul Arshad

◇ http://www.samiarshad.github.io　　　◇ Email: samiularshad@gmail.com　　　◇ Phone: +1-817-823-3035

SUMMARY OF QUALIFICATIONS

- Graduate student conducting research on **Machine Learning**, **Computer Vision**, **Artificial Intelligence & Robotics**.
- **1.5 years** of working experience as a software engineer.
- Conducted research and published article in **Sign Language Detection and Recognition**.

EDUCATION

University of Texas at Arlington　　　　　　　　　　　　　　　　Arlington, TX
Pursuing Ph.D. in Computer Science and Engineering　　　　*Aug. 2016 - Jan. 2021 (expected)*
Supervisor: Dr. William J. Beksi.
Research Field: Deep Learning, Robotic Vision, Artificial Intelligence.
Current GPA: 3.60/4.00.

Shahjalal University of Science and Technology　　　　　　　Sylhet, Bangladesh
B.S. in Computer Science and Engineering　　　　　　　　　*Sep. 2009 - Dec. 2013*
Supervisor: Dr. MD Jahirul Islam.
Research Field: Bengali Sign Language, Machine Learning.
Thesis: Bengali Sign Language Detection and Recognition.
Overall GPA: 3.62/4.00.

EXPERIENCE

- **University of Texas at Arlington**　　　　　　　　　　　　　Arlington, TX
  Graduate Teaching Assistant　　　　　　　　　　　　　　　*Aug. 2016 - Present*

  - Courses: Intermediate Programming, Design and Analysis of Algorithms, Data Structures, Distributed Systems.
  - Responsibilities: Designed and graded the quizzes & programming assignments. Communicated with the students to help them understand different key concepts.

- **TwinBit Limited**　　　　　　　　　　　　　　　　　　　Dhaka, Bangladesh
  Software Engineer　　　　　　　　　　　　　　　　　　　*Jan. 2015 - Aug. 2016*

  - Platform and Programming Language: iOS, Objective C.
  - Accomplishments: Designed and developed several apps using MVC architecture.

PUBLICATIONS

- **Mohammad Samiul Arshad**, William J. Beksi, "A Progressive Conditional Generative Adversarial Network for Generating Dense and Colored 3D Point Clouds" In the International Conference on 3D Vision (3DV), November 2020.

- Angur M. Jarman, **Mohammad Samiul Arshad**, Nashid Alam, Mohammed J. Islam, "An Automated Bengali Sign Language Recognition System Based on Fingertip Finder Algorithm" In International Journal of Electronics and Informatics (IJEI), Volume: 4, Issue: 1, July 2015.

PRESENTATIONS

- 3D Synthetic Scene Generation, September 26, 2019, TACC Symposium for Texas Researchers, Austin, Texas

Skills

· Languages: Python, Java, C++, Matlab, Objective C.

· Deep Learning Frameworks: PyTorch, Tensorflow, Keras.