Persign

Per sonalized Bangladeshi Sign Letters Synthesis

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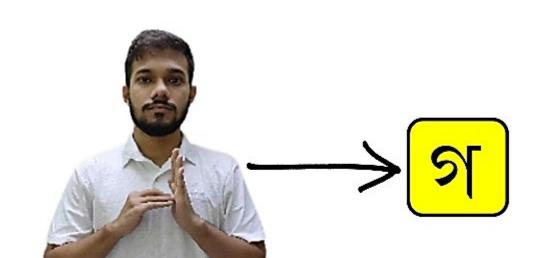


[2] Ahsanullah University of Science and Technology, Bangladesh

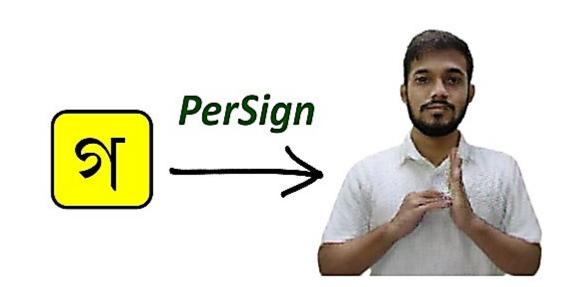




Sign Language (for signers)

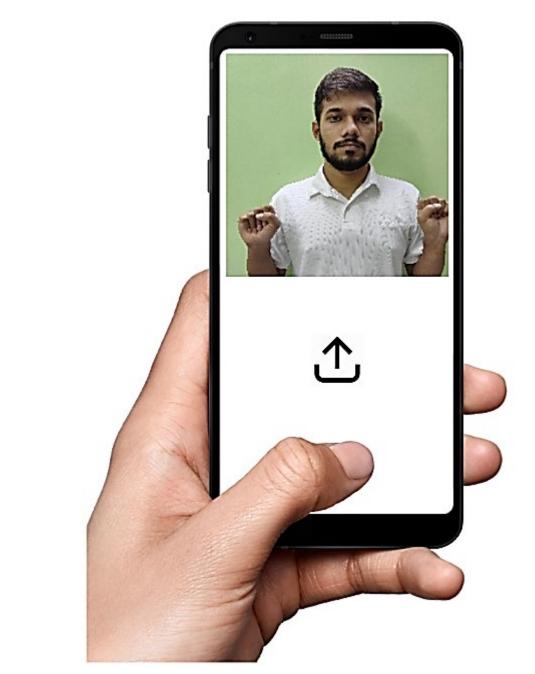


Sign Language Detection

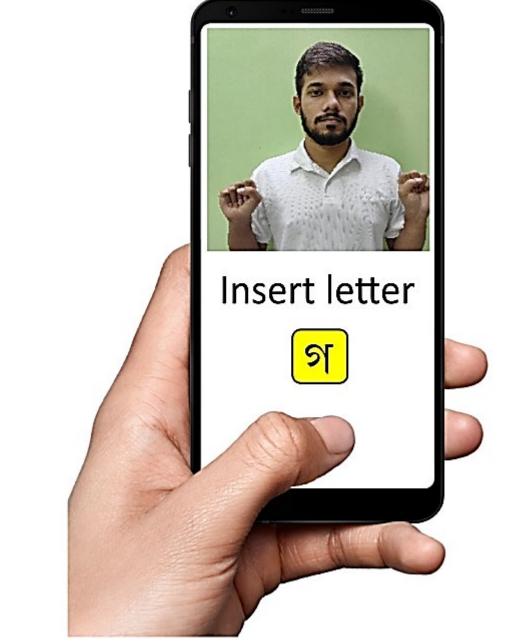


Sign Language Synthesis





upload **non-sign** image



provide a **letter**

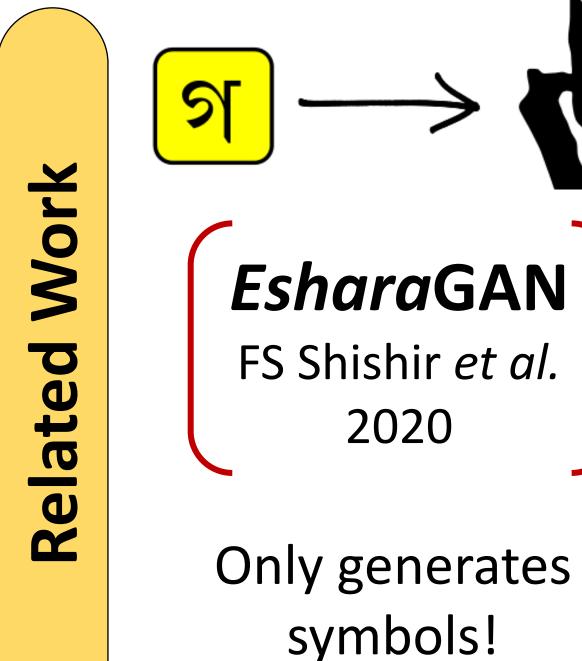


Appearance Unchanged!

No

Sign Language Knowledge needed!

Sign Generated >> show it to signers







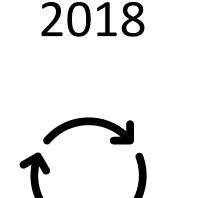




{horse, zebra}

Dataset Method





Our **Dataset**

(From institutions + voluntarily)

{non-sign, sign}







Work ture

F

Dataset++

Lite Version

- Diverse
- Augmentation
- # Thorough UX Eval.
- Processed
- All letters
 - More people # One-stop solution
 - Detection + Synthesis

Do we really need *PerSign*?

11 teachers + 6 guardians

13

Overall: 4.76







