

# CIS 510 Homework 5 - Submission 1

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## **Blend Shapes - Jacob**

Study each of the following deformer and summarize what you learn by answering the following questions:

- What are the benefits/disadvantages of each? (When use one deformer over another?)
- Is there benefit in using them in combination (e.g., in series and parallel, or globally versus locally, etc.)? How does one combine them and get them to ‘play nice’?
- What are the ‘best practices’ used by the facial animation community for using deformers to model faces and expressions?

## **Cluster Deformers - Jacob**

## **Texture Deformers - Jacob**

## **Wire Deformers - Areej**

## **Wrap (and Lattice) Deformers - Areej**

## **Muscle Deformers - Areej**

## **Point on Curve Deformers - Areej**

## **Influence Objects - Jacob**