AMERICAN UNIVERSITY OF ARMENIA

*College of Science and Engineering*

**CS 260 Image Processing**

**PROJECT**

**PRELIMINARY DEADLINE**: Sunday, December 08 2019, before 09:00 am SHARP

**FINAL DEADLINE**: Tuesday, December 17 2019, before 09:00 am SHARP

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**Stage 3**

For stage 3 I wanted to do gender detection by investigation if neck. However, in the images the neck is not clearly visible and the factor of gender indication is not present. After my failed experiment to do it, I decided to do ear investigation and get precise shape of the ears. However, many of my results were very similar and I did not continue that research.

After, I tried to apply minimum (radius = 2) and then Gaussian blur (radius = 2) to the smooth image obtained in Stage1 and as a results got separated lips and more highlighted ears when using Layer\_3. For all other layers the results where smoother.