**EE569 Introduction to Digital Image Processing**

**Homework Report #5**

**Name:** Boyang Xiao  **USC ID:** 3326730274  **Email:** [boyangxi@usc.edu](mailto:boyangxi@usc.edu)

# Part(a) CNN architecture

## Non-programming questions

**Q1: Describe CNN components in your own words: 1) the fully connected layer, 2) the convolutional layer, 3) the max pooling layer, 4) the activation function, and 5) the softmax function. What are the functions of these components?**

**Answer:**

1. The fully connected layer