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| SL.NO | TITLE | YEAR OF THE PAPER | AUTHOR | METHODOLOGY USED | MERITS | Limitation |
| 1. | Trip outfits advisor: Location oriented clothing recommendation | 2017 | [Xishan Zhang](https://ieeexplore.ieee.org/author/37085582307)  [Jia Jia](https://ieeexplore.ieee.org/author/37594009000)  [Ke Gao](https://ieeexplore.ieee.org/author/37685244100)  [Jintao Li](https://ieeexplore.ieee.org/author/37279850400)  [Qi Tian](https://ieeexplore.ieee.org/author/37271964500)  [Dongming Zhang](https://ieeexplore.ieee.org/author/37279213100) | Hybrid CNN - SVM classifier | Clothing recommendation based on the location where you are going. | In rare cases, algorithm may recommend extra or wrong clothing based on location and its climate |
| 2. | Outfit Recommendation based on Deep Learning | 2017 | Ying Huang,  Tao Huang | Feature extractor and vector using ResNet for clothing, Binary Classifier to recommend or not | Recommendation accuracy of appropriate clothing about 84% | Only if clothing is good or not is recommended, the user may not like clothes |
| 3 | Real time clothes comparis on based on Multiview vision | 2014 | [Wei Zhang](https://ieeexplore.ieee.org/author/37694351400)  [BoBegole](https://ieeexplore.ieee.org/author/37688276100)  [MauriceChu](https://ieeexplore.ieee.org/author/37270159700)  [JuanLiu](https://ieeexplore.ieee.org/author/37089076280)  [Nicholas Yee](https://ieeexplore.ieee.org/author/37700046800) | Linear Regression using 23 features to predict similarity and computer vision. | Real-time cloth comparison interface that helps shoppers to explore their fashion styles inphysical fitting rooms | Suggests clothing based on users and others users clothing, clothes may not be trending. |
| 4. | Fashion evaluation method for clothing recomme ndation based on weak feature | 2012 | [Yan Zhang](javascript:void(0);" \o "Yan Zhang)  [Yunqi Guo](javascript:void(0);" \o "Yunqi Guo)  [Zhijun Fang](javascript:void(0);" \o "Zhijun Fang)  [Yunyu Shi](javascript:void(0);" \o "Yunyu Shi)  [Xiang Liu](javascript:void(0);" \o "Xiang Liu) | Fashion evaluatio n method for clothing recomme ndation based on weak feature | The fashion level of consumers can be accurately determined on basis of make-up, accessories, and hair color. | The algorithm uses a person’s looks and makeup to recommend clothes of fashion level, so it may at times recommend a lower level fashion in some cases. |
| 5. | Human Skin Detectio n using RGB, HSV and YCbCR Color | 2016 | S. Kolkur1 , D. Kalbande2 , P. Shimpi2 , C. Bapat2 , and J. Jatakia2 | Threshold based algorithm which recognizes skin tone. | An accuracy of 80-99% is obtained for skin detection. | Gives only human skin as output image and not overall shade color. Also requires prior skin tone values |
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