Problem statement for developers to crack Wooplr Tech Internship for 2016:

Wooplr is a social fashion platform for women that allows its users to discover great fashion all round the year.It showcases the latest trends and trivia from the world of fashion on a constant basis.Being a social platform it also receives a lot of posts from women showcasing their fashionable looks. It could be a party dress that the user bought or a custom trend she created using mix and match of various products.The platform tries to match any products related to women's fashion featured in the look (e.g. a black sandal, red top, white skirt etc.) with the products it knows about.

As a participant you have to design an algorithm and implement a prototype using your favourite language around the following:

Build a database of products from at least 3 different fashionable stores for women. Try to build a database of products related to women's fashion only.

Design an algorithm to analyse a look and identify the closest matching products from your pool of products.

We have attached a set of 10 look images for you to try out the algorithm with.

The prototype should be able to process any image as input and should return the product images with link of the product.

The final winners will be decided by feeding the algorithm with 30 looks chosen by the judges panel and the winner will be decided upon the relevance of the products.

Bonus points for matching accessories like bags, scarves etc.

Feel free to use any open-source visual search algorithms and papers.

LOOKS:

http://www.wooplr.com/look/6148583281131520

http://www.wooplr.com/look/5472952583192576

http://www.wooplr.com/look/6743596167856128

http://www.wooplr.com/look/4796811935481856

http://www.wooplr.com/look/6134548330446848

http://www.wooplr.com/look/5939434266034176

http://www.wooplr.com/look/5764702187028480

http://www.wooplr.com/look/6480444620537856

http://www.wooplr.com/look/5499822222606336

http://www.wooplr.com/look/6335935879315456