

# 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>