1) Develop an app for android that accesses data stored in an online database (invent the use function)

2) Develop a program that, given an image, manages to recognize a face in it and displays the data related to the person stored in an online database (use also free open source libraries)

3) Use augmented reality open libraries to display text information about a point of interest on a photo of the city of Pavia.

4) Connect to URL https://labrosa.ee.columbia.edu/matlab/fingerprint/ and try to experiment the code, in order to discover how Shazam works.

Papers

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Facial Recognition, Expression Recognition, and Gender Identification

- Shraddha Mane
- Gauri Shah

Multimedia Tools and Applications
January 2019, Volume 78, Issue 2, pp 1649–1683| Cite as

A comparative study of recent improvements in wavelet-based image coding schemes

- Authors
- Authors and affiliations
- Rania Boujelbene
- Yousra Ben Jemaa
- Mourad Zribi

J. Imaging **2019**, *5*(3), 33; https://doi.org/10.3390/jimaging5030033

Scalable Database Indexing and Fast Image Retrieval Based on Deep Learning and Hierarchically Nested Structure Applied to Remote Sensing and Plant Biology

Pouria Sadeghi-Tehran [1,*]

,Plamen Angelov [2]

,Nicolas Virlet [1]

and**Malcolm J. Hawkesford** [1]

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pp 1–17| Cite as

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- Chengwei Huang
- Hao Jiang