**Abstract**

With the increasing usage of social networks, users are becoming less aware of what personal data of theirs is accessible online. Our application allows users to find photos of themselves on Facebook in which they are not tagged in. Across a sample of test users, the application correctly identified the user in 91% of photos.

**Motivation**

*Photos* are one of the most prevalent types of private information exposed on the Web. On Facebook, photos receive 53% more likes and 104% more comments than any other type of posts. In addition, 36% of users dislike their friends posting about them without their permission. Therefore, the application intends to increase Facebook photo awareness.

**Features**

Develop an app that:
- Retrieves photos from user's friends
- Performs accurate facial recognition on retrieved photos
- Processes metadata to improve accuracy of user detection
- Presents detected photos coherently to the user

**Evaluation**

Experiment conducted by untagging tagged photos of user and using them as a test set.

- **Accuracy**: % of a test set identified by app 86%
- **Precision**: % of photos displayed in which user is correctly identified 91%
- **% of photos users had never seen before**: 73%
- **% of photos for which user requested removal**: 36%

*Across a sample size of 20 users*