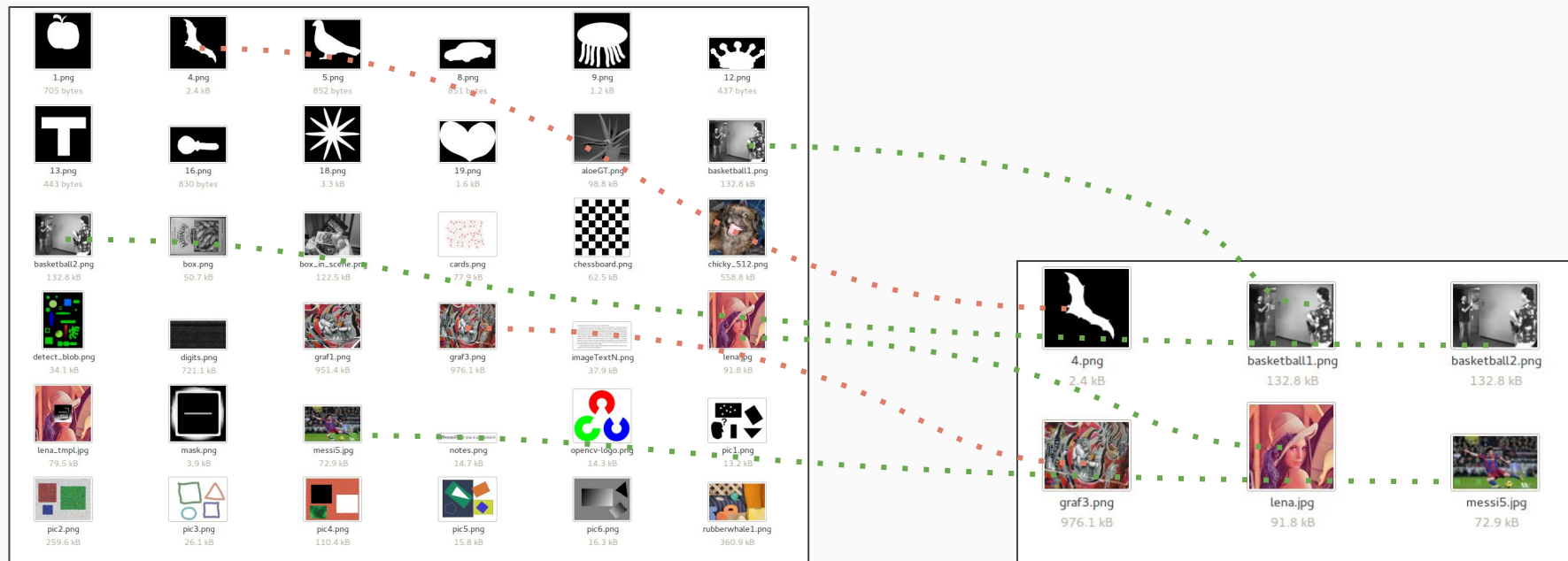# Algorithmically determine if a picture contains people

Computational Photography
Project 1, Summer 2015

Jonathan Jones

Why?: Automated Image Filtering

How?: OpenCV Cascade Classifier

- Use OpenCV's Cascade Classifier API to perform feature detection for facial detection

- If 1 or more faces is detected, image is assumed to have people in it

Credits & Code

- Used pre-trained classifier for facial detection - provided in the OpenCV source code examples

- Source Code on GitHub @ https://github.com/jjones646/humfilt