# Reconocimiento Facial Con Mascarillas

# **Grupo 9**

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# Estrategia y experimentos realizados

### Características

LBP Haralick Gabor HoG Fourier

### Selección

Clean Normalización PCA SFS

### Clasificadores

Linear SVM
KNN
Red Neuronal
Naive Bayes
Decision Tree
Random Forest
AdaBoost
QDA
RBF SVM

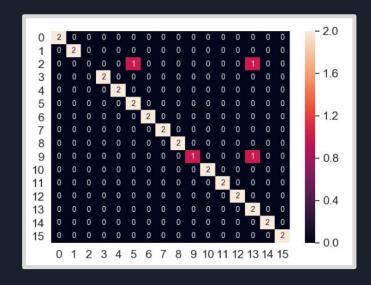
Dataset → Crop 120 px → Grayscale 〈 Clean → Normalización → SVM

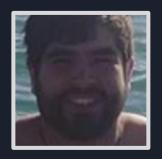
LBP

HoG

## **Resultados obtenidos**

| Dataset | Acc. (train) | Acc. (val) | Acc. (test) |
|---------|--------------|------------|-------------|
| A (16)  | 100%         | 93.75%     | 90.62%      |
| B (40)  | 100%         | 80%        | 87.5%       |
| C (100) | 100%         | 81%        | 78.5%       |
| D (166) | 100%         | 72.89%     | 72.59%      |











# Trabajo futuro

