1. Introduction

- 1. Motivation
- 2. Context
- 3. Objectives
- 4. Document structure overview

2. State of the art

- 1. writer identification
 - 1. State of the art in writer identification
 - 1. Supervised learning approches
 - 2. Unsupervised learning approches
 - 2. Benchmarking datasets
 - 1. IAM
 - 2. ICDAR 2016
- 2. Face recognition
- 3. Methodology
 - 1. Introduction
 - 2. local feature extractor
 - 1. Sift
 - 2. Autoencoder
 - 3. global feature extractor
 - 1. VLAD
 - 2. BOW
 - 4. Development environment
- 4. Resuls and analysis
 - 1. Evaluation metrics
 - 2. Evaluation environment
 - 3. Path 1
 - 4. Path 2
 - 5. Path 3
 - 6. Summary
- 5. Deploying the Models as a REST API
 - 1. Api design
 - 2. Technologies
 - 3. Final result
- 6. Conclusion