Using Facial Recognition to gather Social Media Intelligence

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1 Literature Review

1.1 Background

1.1.1 SOCMINT

asdfasdf (Evans et al., 2010) asdasd(Levin, 2015)

1.1.2 Uses of SOCMINT

1.1.3 Current Applications

1.1.4 Facial Recognition

1.1.5 Uses of Facial Recognition

1.1.6 Constrained vs Unconstrained

1.2 Theory

1.2.1 Prior Work

1.2.2 Individual vs Group Data

1.2.3 Quantity of Information

1.2.4 Accessibility of Data

1.2.5 Uses

1.2.6 Challenges and Constraints

1.3 SOCMINT

1.3.1 Prior Knowledge Attacks

1.3.2 HUMINT

1.3.3 Social Engineering

1.3.4 Spearphish

1.4 Facial Recognition

Overview and current applications

1.4.1 Challenges

1.4.2 Recent Advances

1.4.3 Unconstrained Facial Recognition

References

Evans, J. R., Meissner, C. A., Brandon, S. E., Russano, M. B. and Kleinman, S. M. (2010), 'Criminal versus humint interrogations: The importance of psychological science to improving interrogative practice', *The Journal of Psychiatry & Law* **38**(1-2), 215–249.
URL: *https://doi.org/10.1177/009318531003800110*

Levin, M. (2015), 'Social media and intelligence'.