

RI: Small: Deep Learning in Forensic Impression Evidence Comparison

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Data Management Plan

During the course of this project several types of data will be produced. Plans for management and sharing of the data and products of research are given below.

(a) Artificially generated data

Some of the data for the project will be artificially generated. These will be made available on a public website. Other data sets used in this research were developed previously under NIJ funding, which are also available at NIJ websites.

The proposal has described previous software for handwriting comparison that is based on a generative model. The code is available at:

<http://www.cedar.buffalo.edu/~grball/cedarfox-20150131-noe.zip>

The code to be developed under the proposed project will also be developed for use by forensic examiners.

(b) Machine learning On-line Lectures

Comprehensive lecture slides on machine learning, including deep learning, are already available on the web at

<http://www.cedar.buffalo.edu/~srihari/CSE574>.

Research on this project will allow updating the slides on deep learning.

(c) Research Papers

Research results will be made known to the research community through publications at peer-reviewed conferences and journals.

(d) Intellectual Property

Intellectual property developed on the campus such as patents are subject to standard US university guidelines.