# **The Australian National University**

# CV Project Proposal

# Steganography: Encrypting Text in an Image using URL as a Key

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## Steganography:

The practice of hiding messages, so that the presence of the message itself is hidden, often by writing them in places where they may not be found until someone finds the secret message in whatever is being used to hide it. (WikiPedia)

## Proposal:

Encrypting Text in an Image using URL as a modifier

In this project, a given image is encrypted with two (or possibly more) levels of security using a key image and it’s URL to generate an unique encryption which is applied on a second image which contains the data.

## Method:

The project will be done using MatLab and the use of online data hosting services like Google Drive, DropBox etc.

## Objective:

To hide data in plain sight disguised as an image shared between related stakeholders.