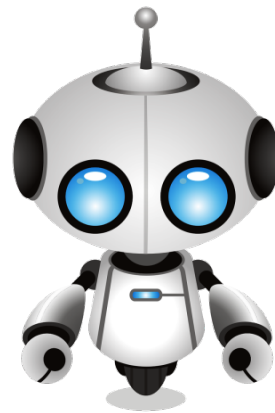# Helper Bot

Introduction

Netflix uses artificial intelligence to determine what movies you'll like. Amazon uses A.I. to predict what you'll buy. Now, CloudCard uses artificial intelligence to determine if a photo is approvable as an ID photo. CloudCard's new "Helper Bot" is a complex algorithm known as a neural network, which scans photos as they are uploaded and color codes them to let you know if they should be approved or denied.

Introduction

➔ Auto Cropping

➔ Auto Rotating

➔ Auto Grading

➔ Auto Feedback

➔ Auto Approval & Denial

Auto Cropping

→ Helper Bot will perfectly crop photos that are submitted by students.

→ This photo has far too much margin to be used as an ID photo.

→ Helper Bot recognizes this and makes the necessary changes.

Results

→ Helper Bot has identified the face in the image, and cropped the photo to a square aspect ratio (customizable).

→ Helper Bot eliminates the possibility of student cropping error.

→ This picture can now be used as an ID photo.

Auto Rotating

➔ The new Apple and LG phones will often strip the metadata from submitted photos.

➔ As a result, photos are submitted sideways.

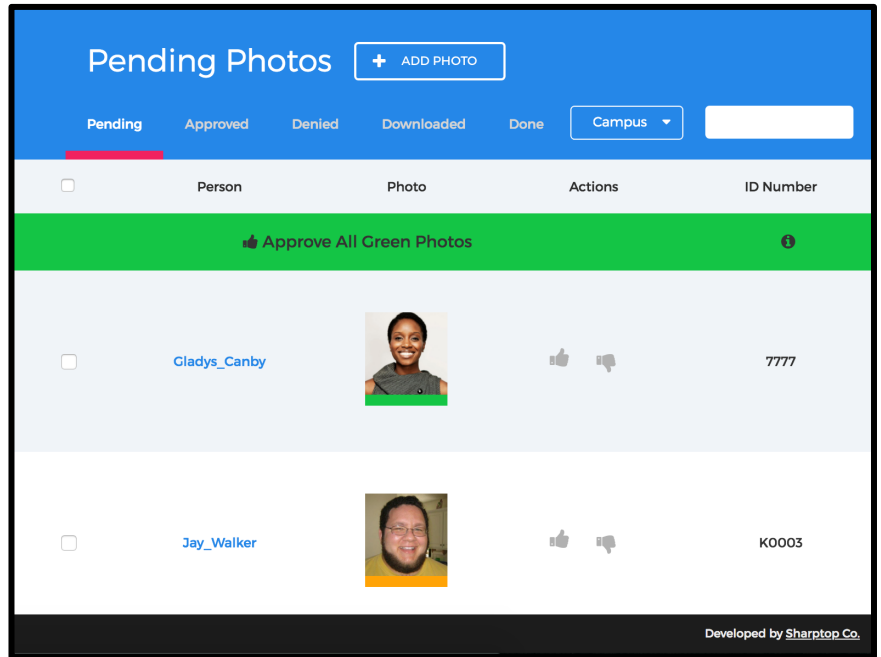➔ This does not stop Helper Bot from salvaging the image.

Results

➔ Helper Bot identifies the face and rotates the photo to the right position.

➔ The photo is flipped to its correct orientation within seconds.

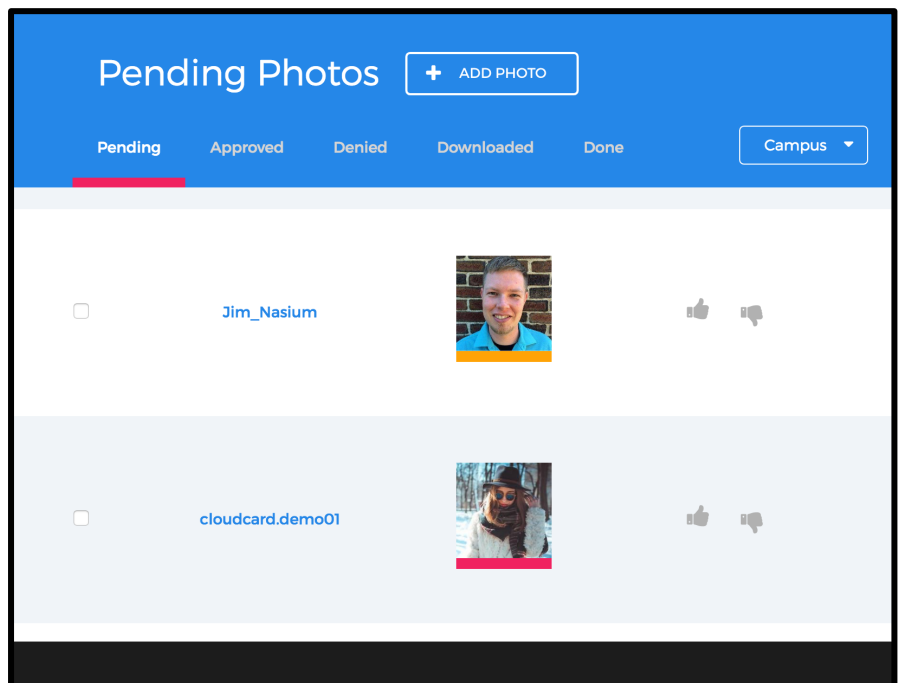➔ Helper Bot will keep the original image within the admin interface for reference.

Auto Grading

→ Photos are analyzed, graded, and categorized.

→ They are sorted according to their color.

→ Approve all green photos with the click of a button.
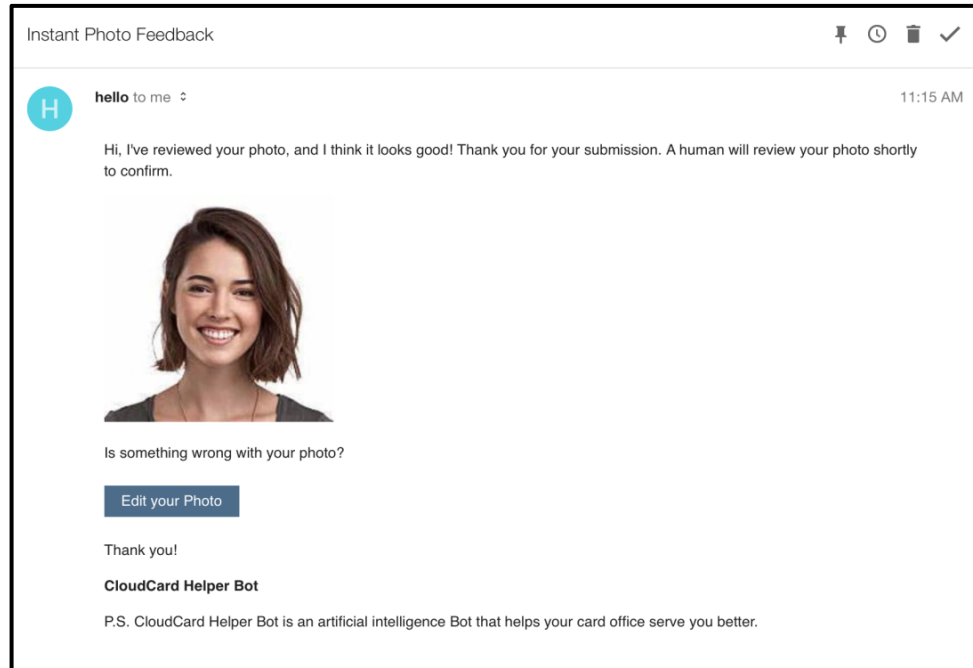

Continued

→ Green photos are approvable, yellow are questionable, and red should be denied

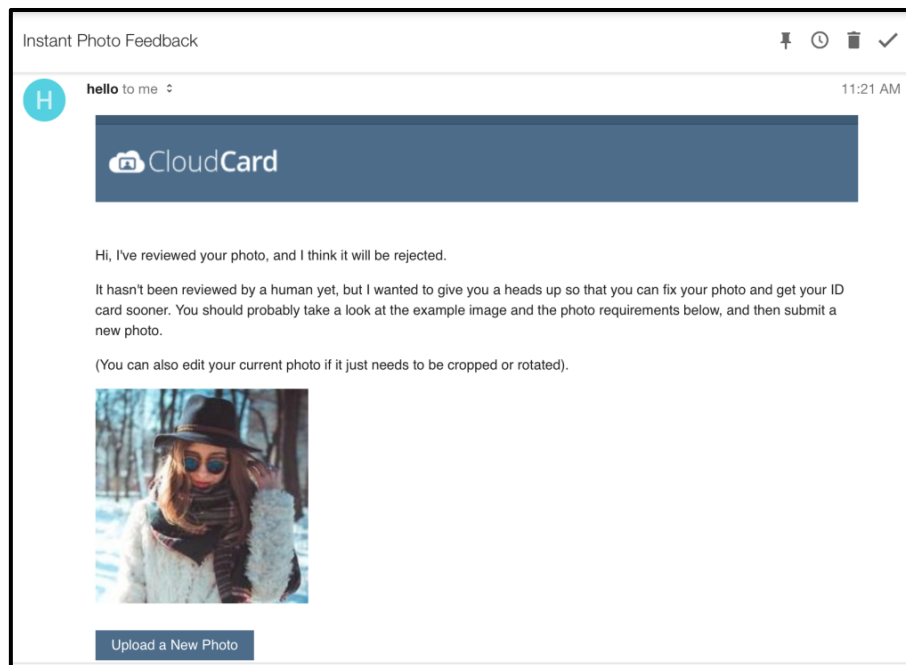→ Use the thumbs up or down buttons to approve and deny photos

Auto Feedback

➔ When a photo is submitted, auto feedback is sent to the student's email.

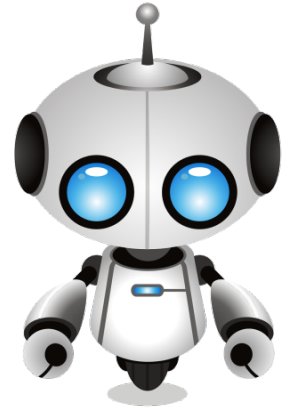➔ If the ID photo is good, Helper Bot will let the student know that their photo will probably be approved.

Continued

➔ Improper ID photos are often submitted by students.

➔ Helper bot gives instant photo feedback telling the student their photo will likely be denied.

➔ He provides a new link for submitting a proper photo.

Auto Approval & Denial

➜ Helper Bot has been trained with thousands of different photos to help him identify a quality ID photo.

➜ Once you accumulate more photos, he can be customized to your card office.

➜ When you get more comfortable with him, you can allow him to automatically approve and deny photos.

➜ Helper bot is continuously learning. The more photos that you receive, the better he becomes.

cloudcard

info@OnlinePhotoSubmission.com