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## Facial Recognition Technologies in Digital Humanities

Rebecca Bakker

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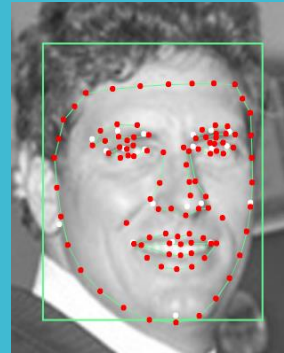
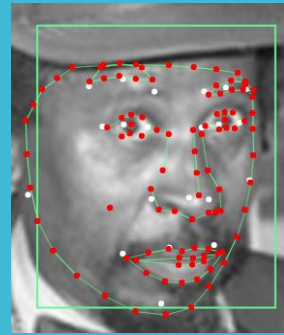
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# Facial Recognition Technologies in Digital Humanities

AI for Archives:  
Using Facial Recognition to Enhance Metadata  
*LYRISIS Catalyst Fund Grant*



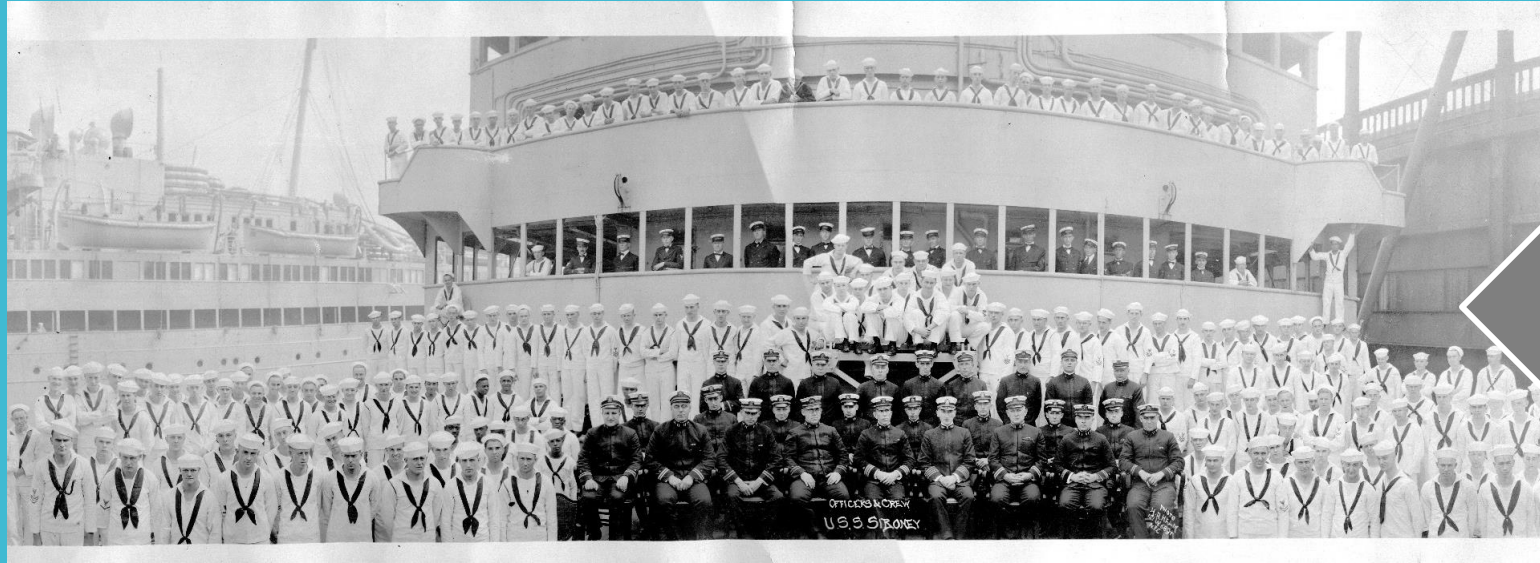
Testing facial  
recognition software  
models

- Accuracy
- Feasibility
- Scalability

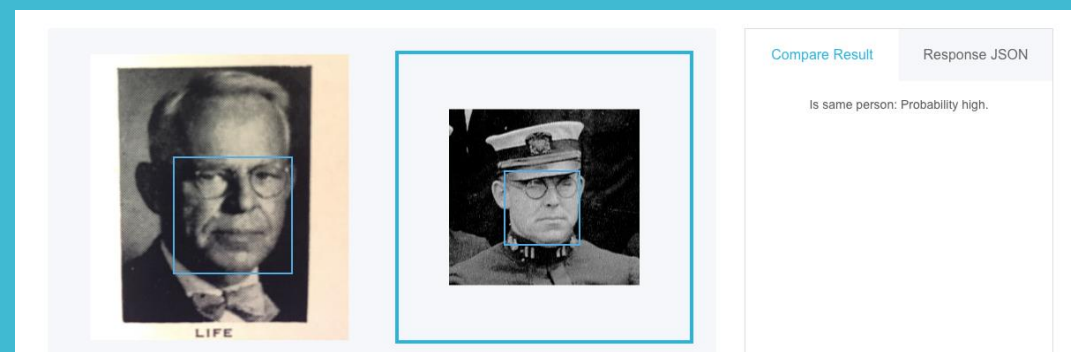
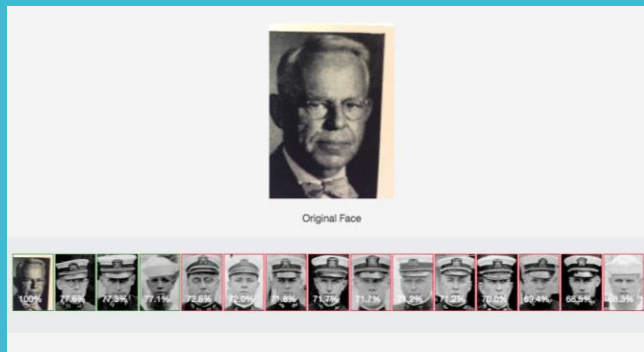
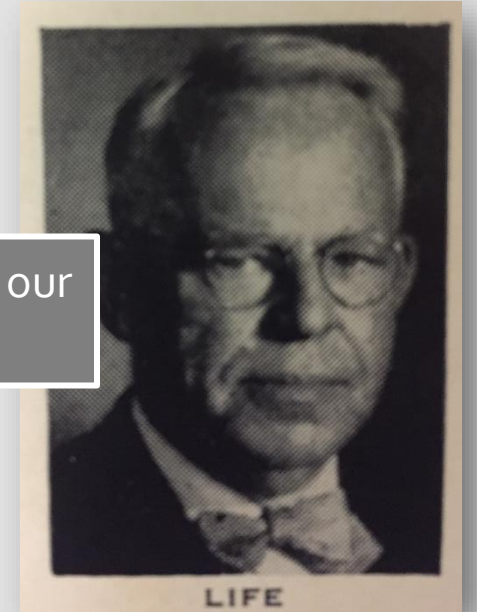


# Facial Recognition Technologies in Digital Humanities

## Facial recognition as a research tool



Which sailor is our man?



# Facial Recognition Technologies in Digital Humanities

## Civil War Photo Sleuth civilwarphotosleuth.com

- Research Tool
- Crowdsourcing
- Photo Archive

CIVIL WAR PHOTO SLEUTH Home Add Photo Search Photos About Help Logged in as Rebecca Bakker

### Add Photo

**Step 1: Upload the photo.** Select the photo you wish to identify or add to our database.

- Please upload the highest-resolution image you have available, up to 4 MB in size.
- We currently support images in JPG, GIF, or PNG format.
- Please use the "Image Source" fields to describe where the images came from (e.g., your collection, a book, website, etc).

**Front View** **Image Source**

Choose File No file chosen  
Required. Must contain exactly one face (group shots are not yet supported).

**Back View** **Image Source**

Choose File No file chosen  
Optional.

Upload

**Uniform**

**Coat Color**

No coat  
 Dark  
 Blue  
 Light  
 Gray  
 Other

**Hat Number**

Numbers only

**Hat Letter**

**Hat Insignia**

No hat badge  
 Hunting horn  
 Crossed cannons  
 Crossed sabers  
 Castle  
 USSS  
 Other

**Military**

**Army**

Union  
 Confederate

**Regiment**

State or Unit Name

Regiment Number

Numbers only

Company Letter

**Branch**

Infantry  
 Cavalry  
 Artillery  
 Light Artillery  
 Heavy Artillery  
 Engineers  
 Sharpshooters

