AI for Archives: *Using Facial Recognition to Enhance Metadata*

Florida International University
Digital Collections Center
School of Computing and Information Sciences

LYRASIS MEMBER SUMMIT 2019

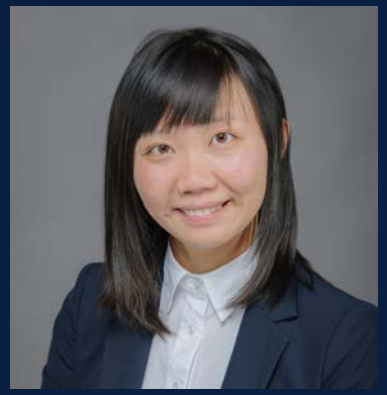
October 3, 2019

FIU
FLORIDA INTERNATIONAL UNIVERSITY

Be WorldsAhead

Team

Rebecca Bakker



Dr. Liting Hu

Kelley Rowan

Boyuan “Keven” Guan

FIU

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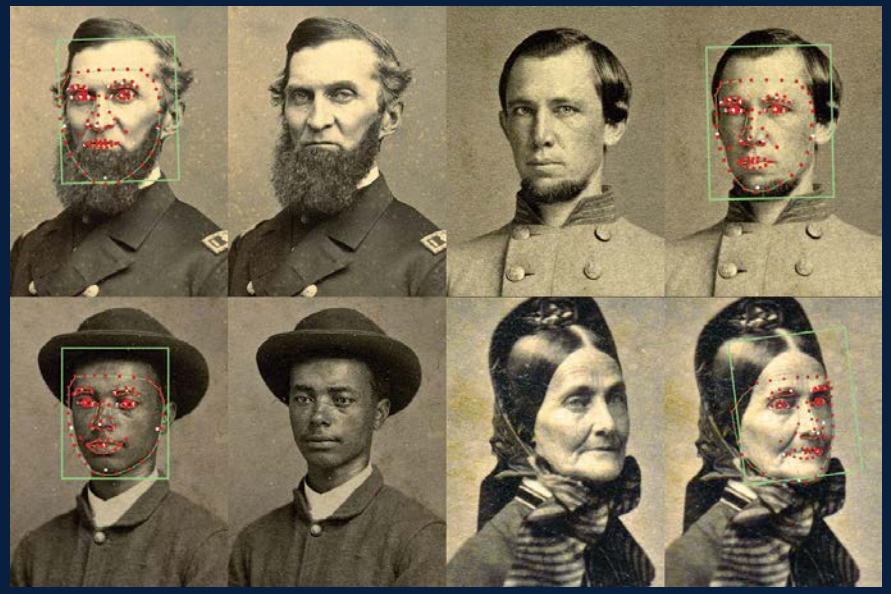
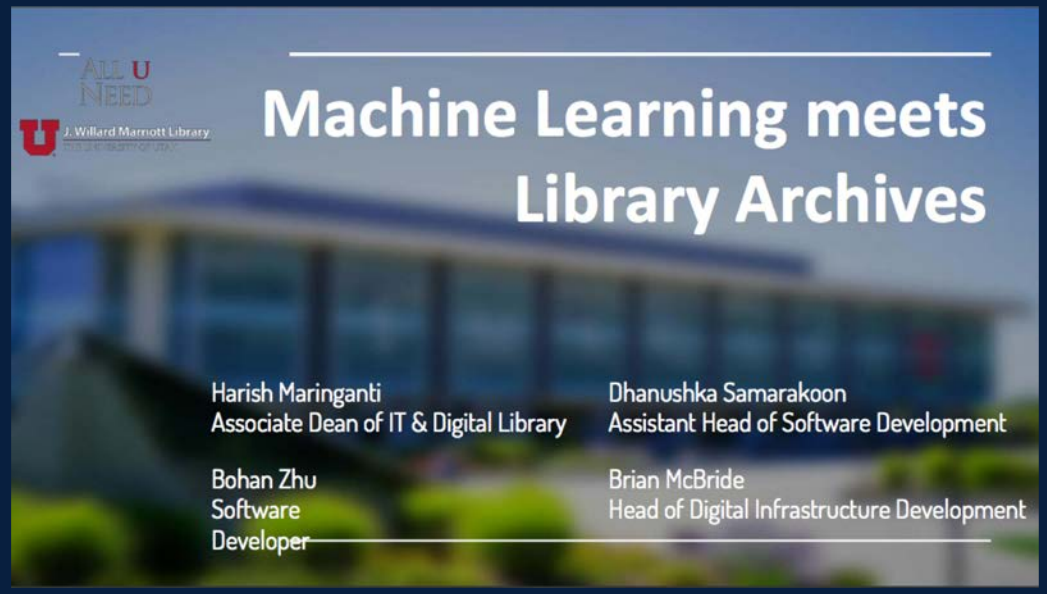
Inspiration

Civil War Photo Sleuth
civilwarphotosleuth.com

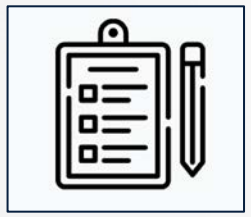


University of Utah
2018 Catalyst Fund award recipient



Project Goals

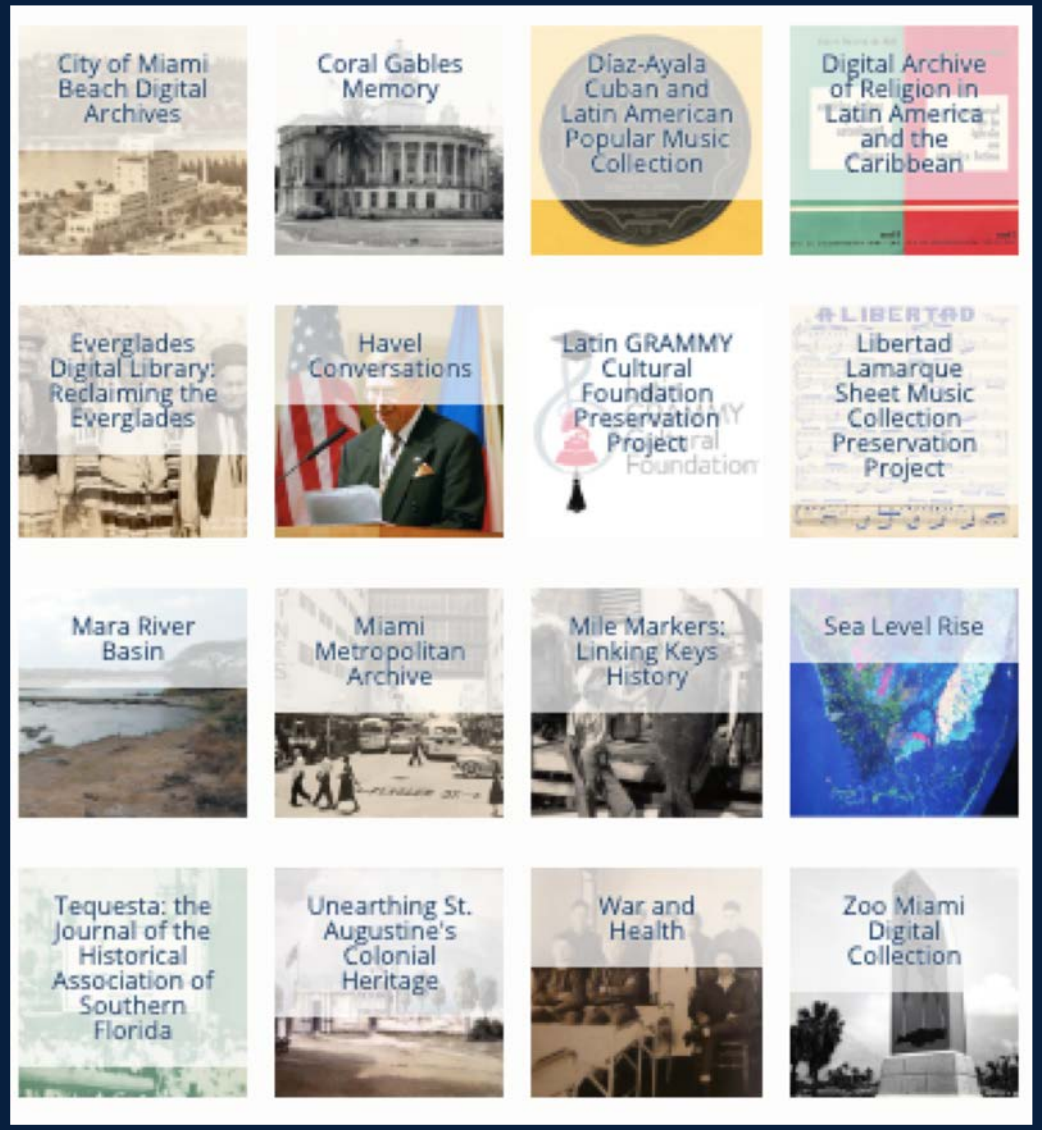
Find most effective facial recognition application for use with digitized archive images



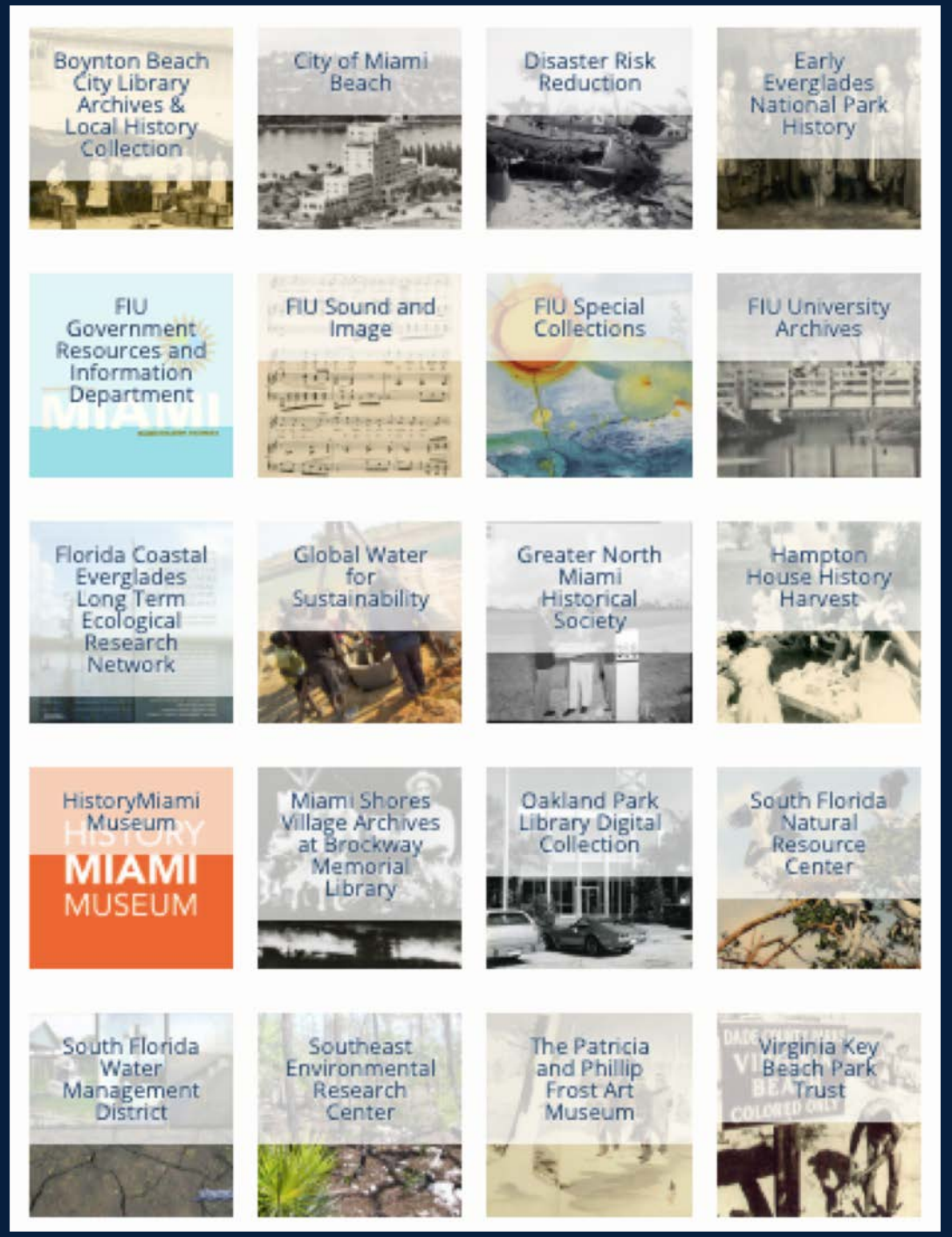
Conduct qualitative assessments of facial recognition application models

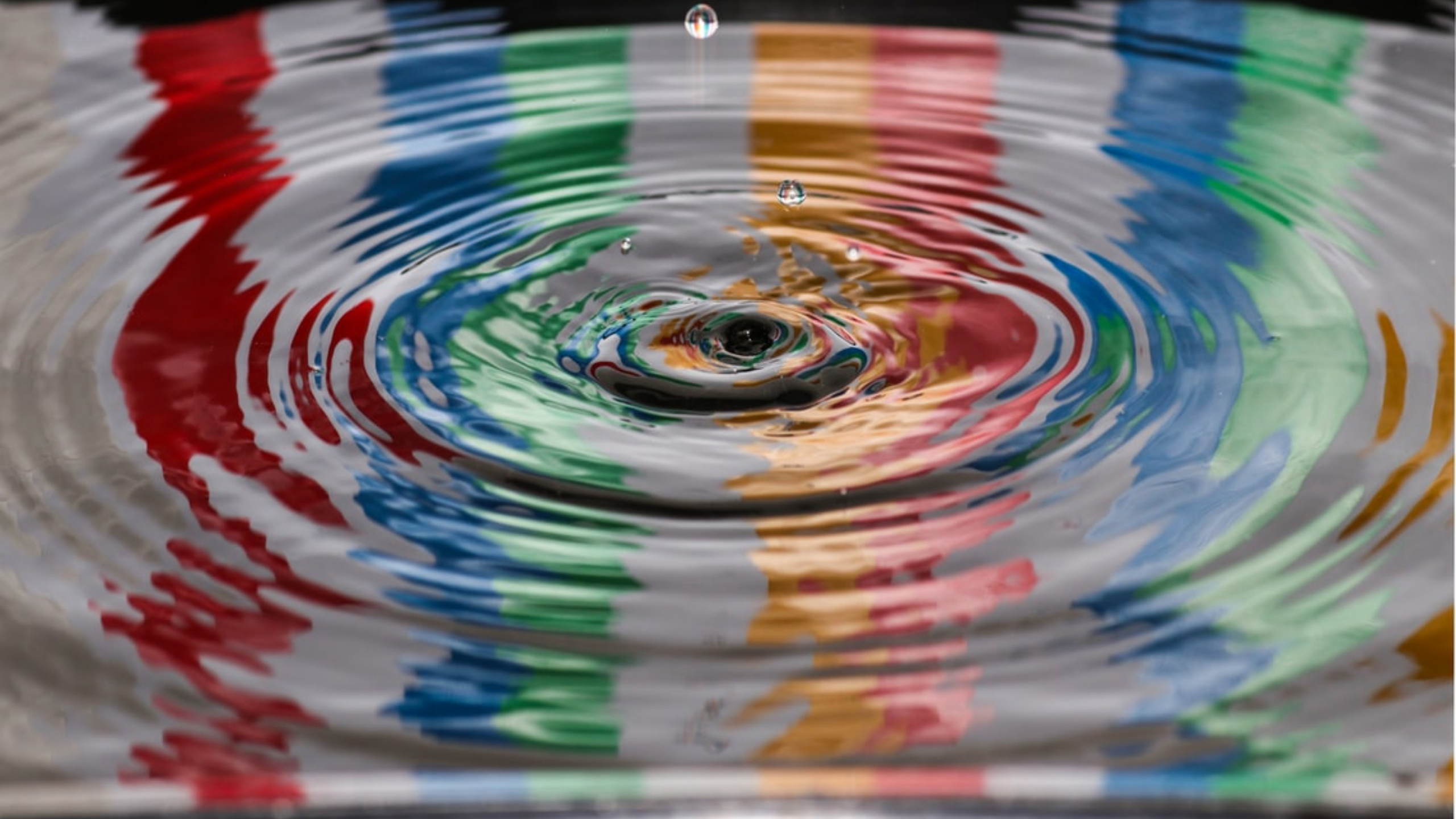
Provide opportunities for future development

Charles Perry
First President of Florida International University



dPanther.fiu.edu





OpenFace

Star 12,613

Free and open source face recognition with deep neural networks.

Microsoft Azure

Overview Solutions Products Documentation

Home / Products / Cognitive Services / Face

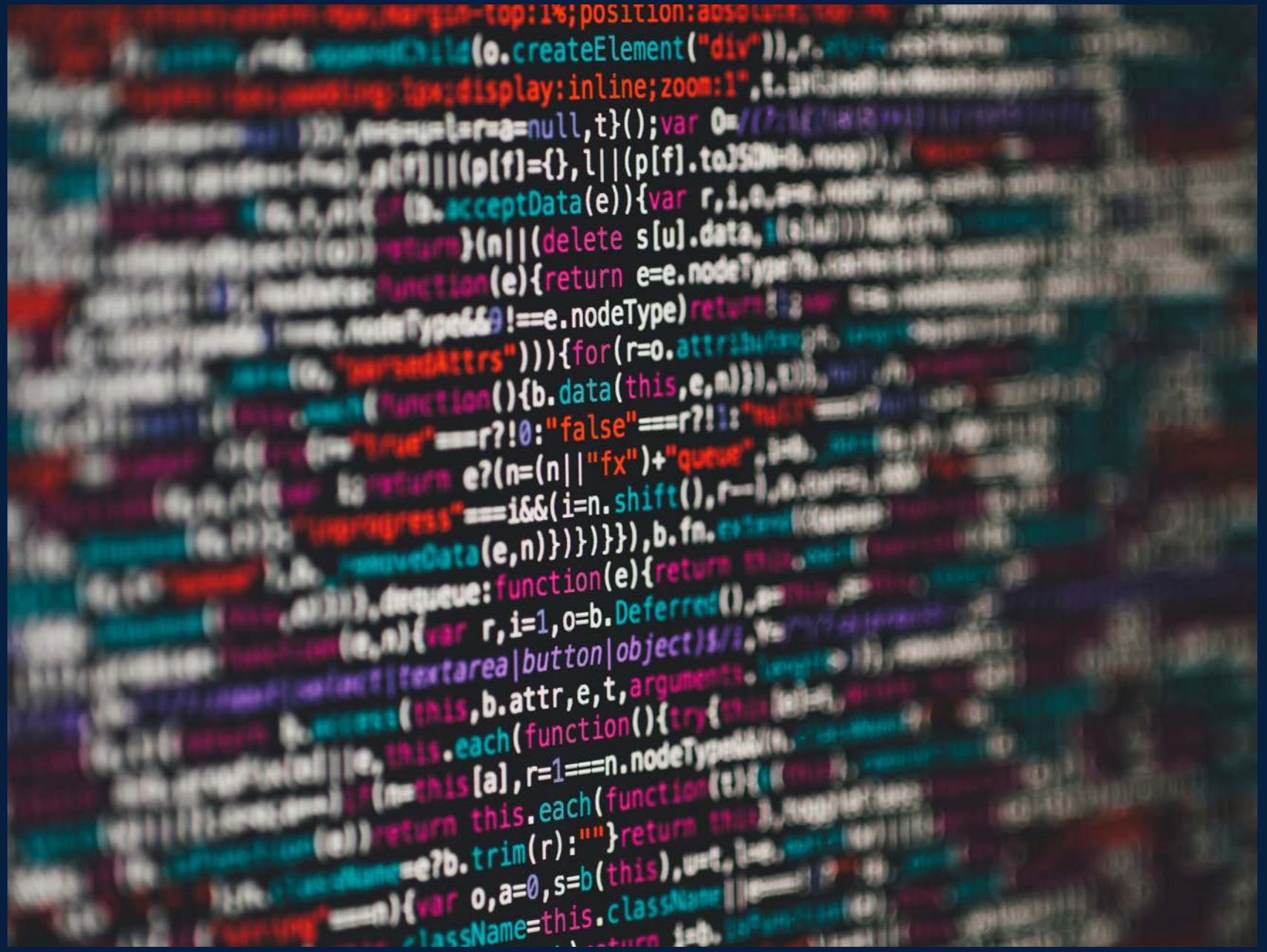
Face

- ✔ Detect and compare human faces
- ✔ Organize images into groups based on similarities
- ✔ Identify previously tagged people in images
- ✔ Run locally on-premises or in the cloud

Try Face >

ageitgey / face_recognition

Trueface API



Elizabeth Taylor 1

Gloria Estefan 1

Edward James Olmos 1

Don Johnson 1

Princess Caroline 1

Stanley Tucci 1

Elizabeth Taylor?

Gloria Estefan?

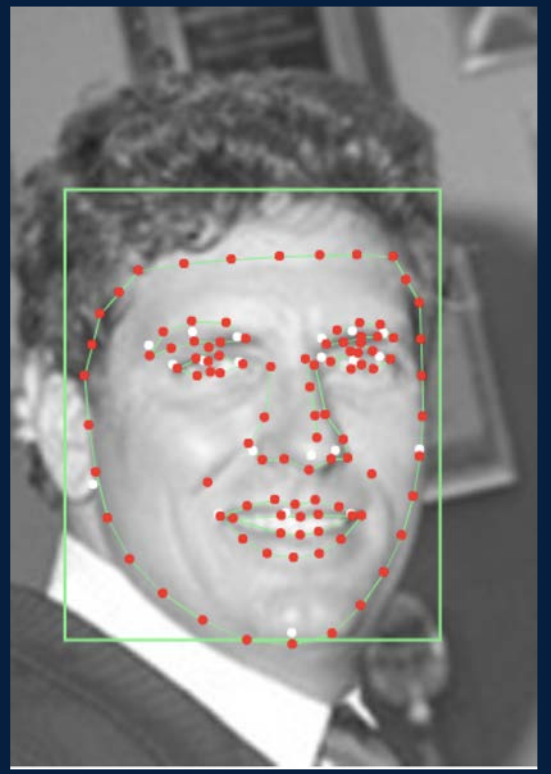
Edward James Olmos?

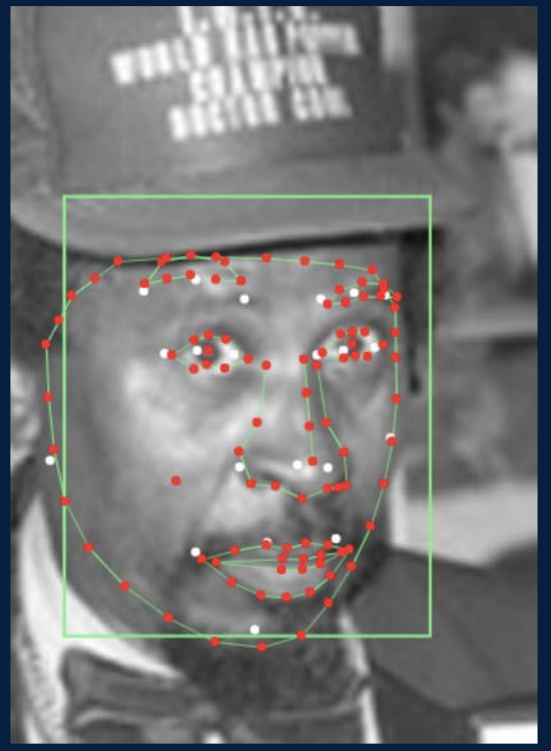
Don Johnson?

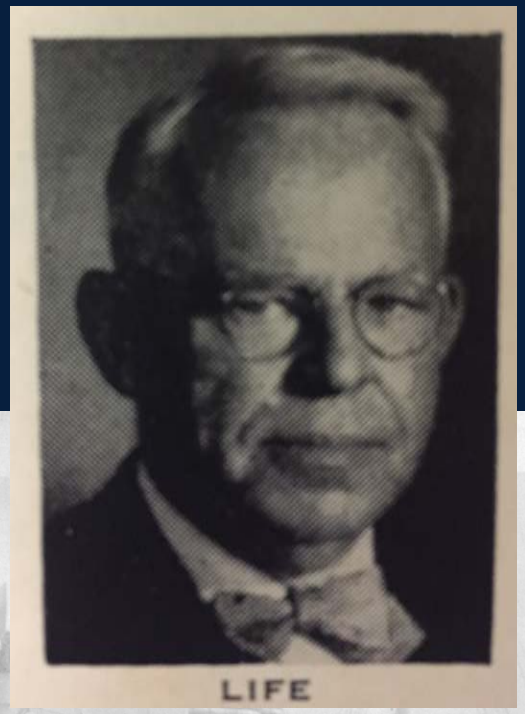
Princess Caroline?

Stanley Tucci?

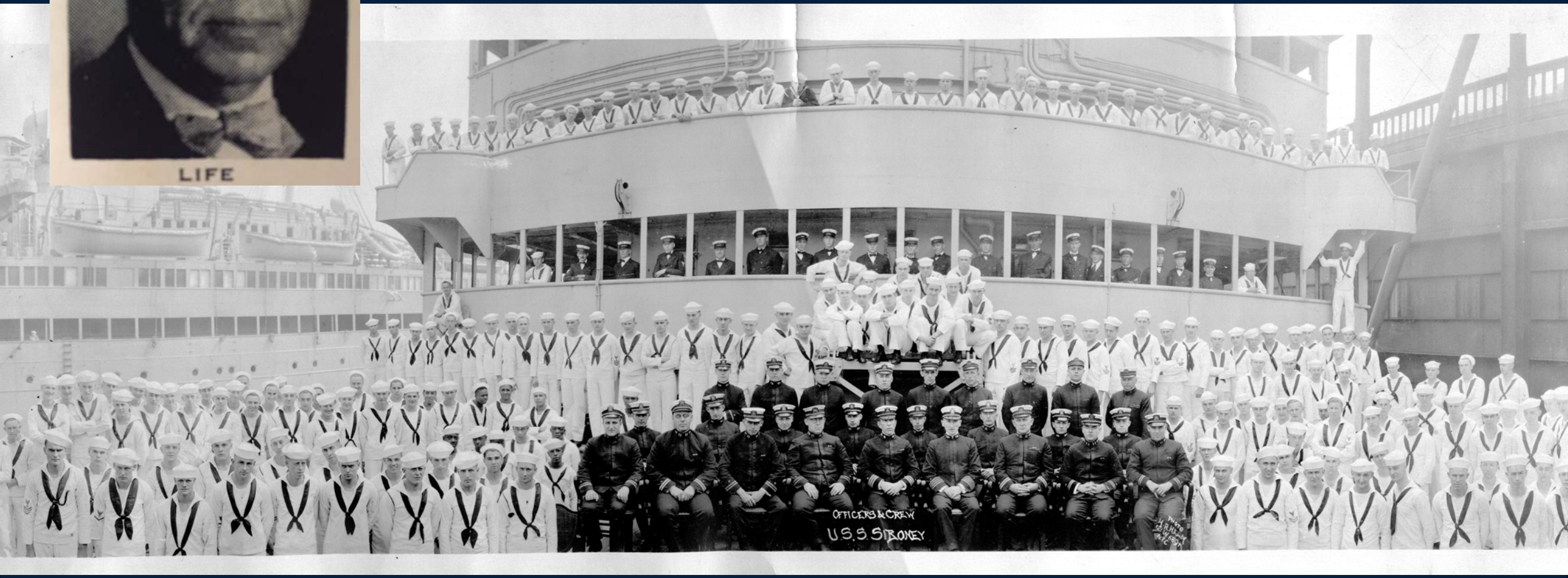
Beau Jacks

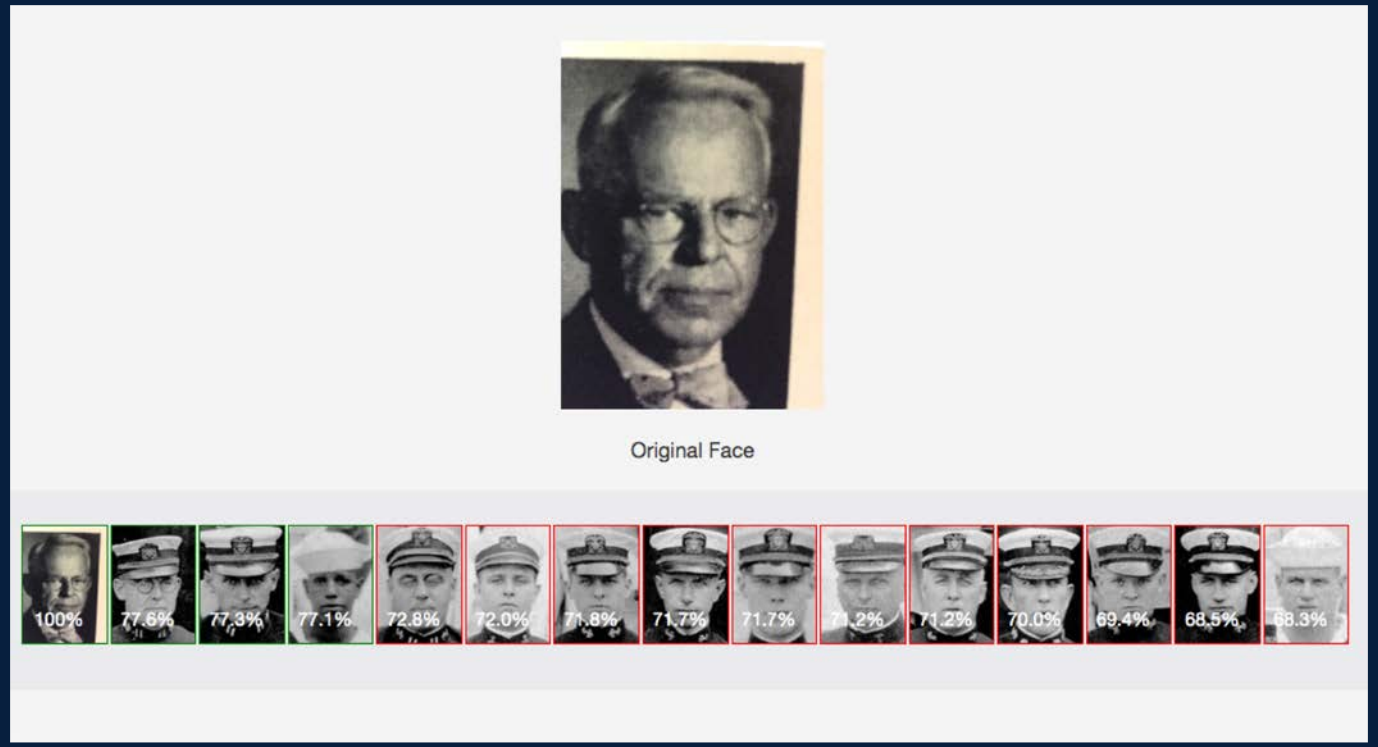




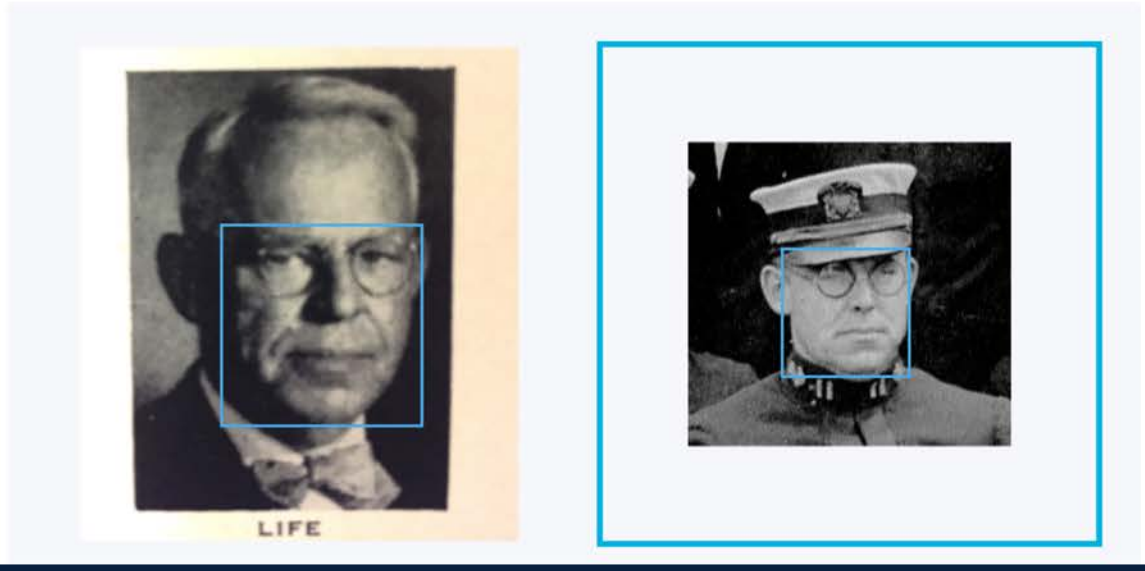


LIFE





betaface



faceplus

acer

Thank you!

All images are uncopyrighted and can be found in digital collections on dpanther.fiu.edu or on unsplash.com.

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