

Bienvenue!



GIF-1001 Ordinateurs : Structure et Applications
Yannick Hold-Geoffroy (Crédit: Jean-François Lalonde)

Mon cheminement



UNIVERSITÉ
LAVAL

2008-18

Bacc., M.S., Ph.D. en GEL-GIF



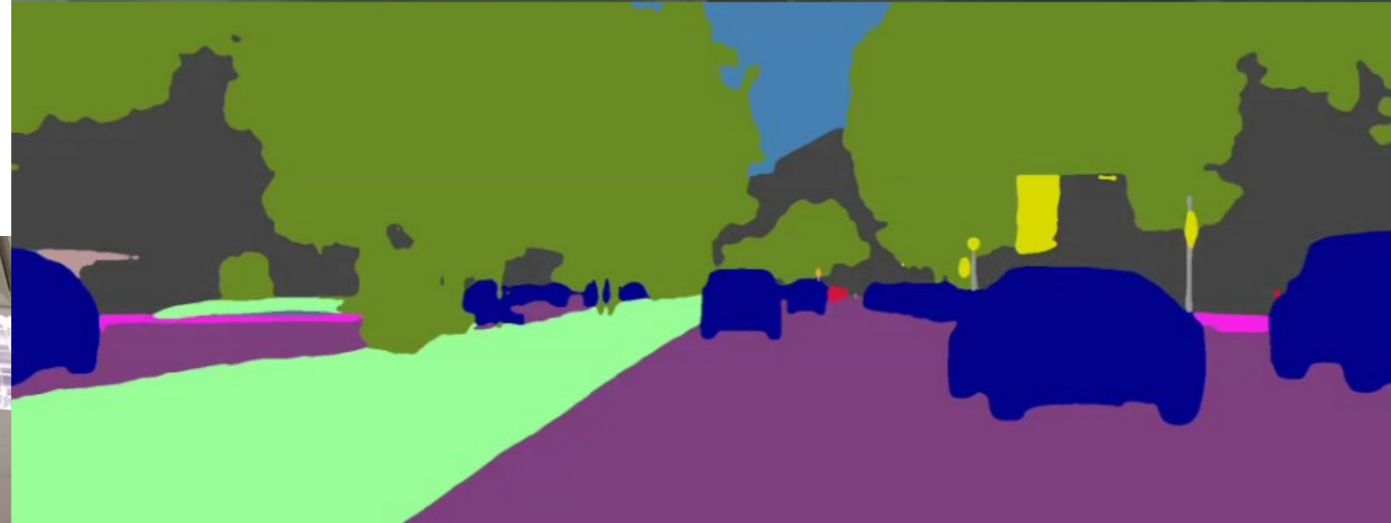
2018-...

Scientifique et Ingénieur
de Recherche
chez Adobe Research

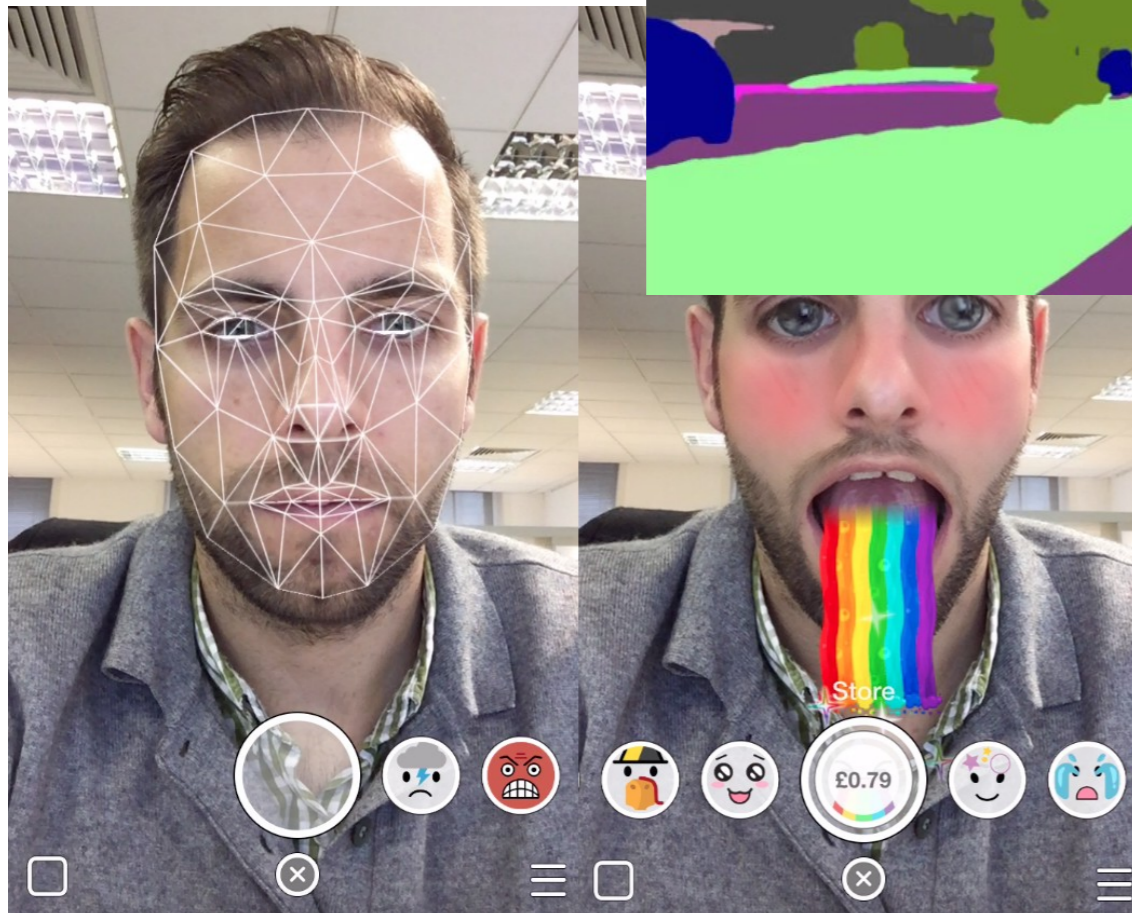
Mon domaine de recherche: vision par ordinateur



Hengshuang Zhao



OpenPose



Snapchat

Caricatures Automatisées



Éclairage extérieur à partir d'une photo



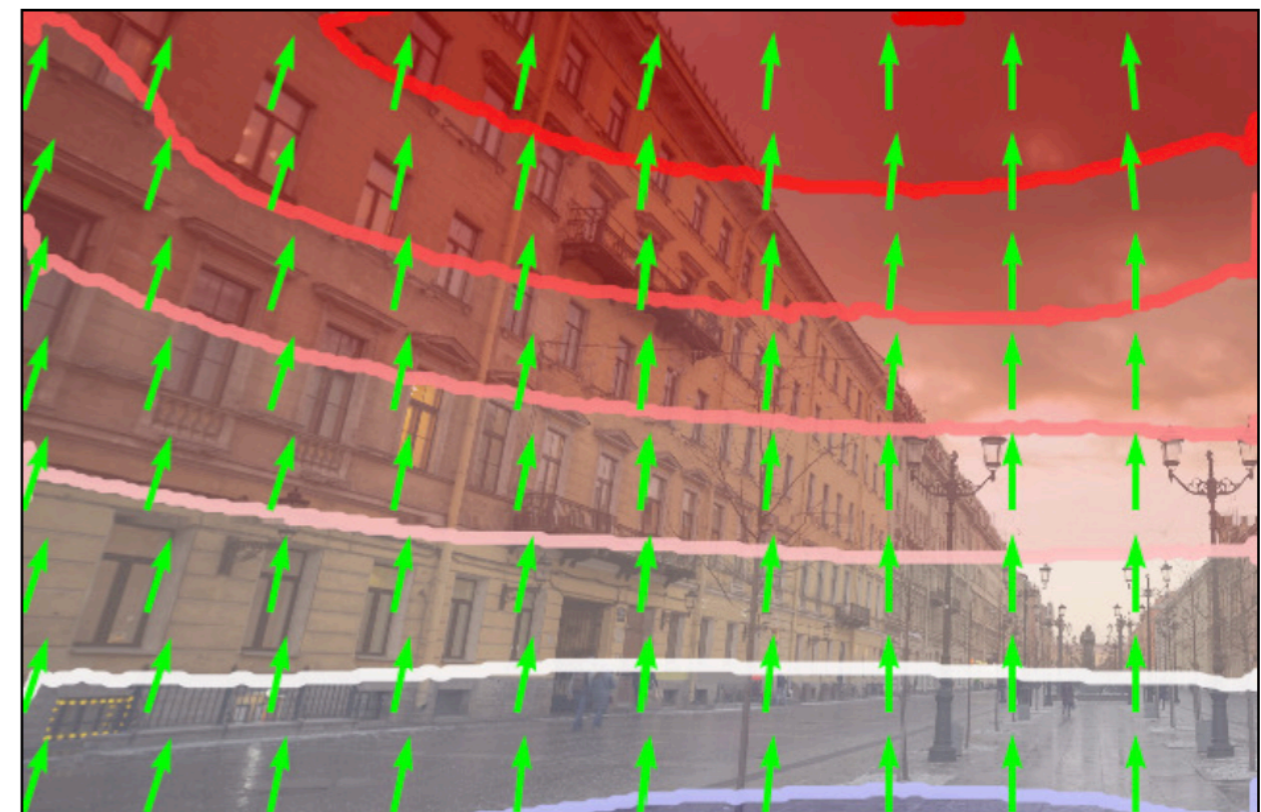
Éclairage intérieur à partir d'une photo



Calibration Géométrique

Input

Perspective Fields



Génération d'Environnement



Ingénierie



What will you dream up today with Firefly?

3D render baby parrot, adorable big eyes, in a garden with butterfly

 Generate

Try these out

Experiment with the latest in generative AI and let us know what you think.



Text to image



Generative fill



Text effects

Fonctionnalités

1920 x 1080 px




▼ ACTIONS



Match Image...


▼ PROPERTIES

Transform **Object**

Output size 


W 1,920 px

H 1,080 px

Background 

Focal length ▼

50 mm

> Depth of field 

Pour plus de détails...

<http://yannickhold.com>

Yannick Hold-Geoffroy

I am a [senior research scientist and engineer](#) at [Adobe Research](#). My research interests lie in computer vision and machine learning; my focus is in learning and using priors from natural images. At Adobe, I worked on Dimension's [match image perspective](#) and [lighting](#) technologies.

I received my Ph.D. from the [Computer Vision and Systems Laboratory](#) of [Laval University](#) under the supervision of [Jean-François Lalonde](#) and [Paulo Gotardo](#).

I can be reached by email at holdgeof@ad*be.com.

[CV](#) | [Google Scholar](#) | [Thesis](#) | [Github](#)



Research

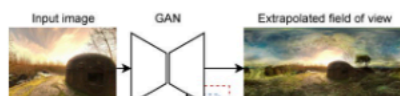


Snapshot polarimetric diffuse-specular separation

[Akshat Dave](#), [Yannick Hold-Geoffroy](#), [Miloš Hašan](#), [Kalyan Sunkavalli](#),
[Ashok Veeraraghavan](#)

Optics Express, 2022

[[Optica version](#)]



Guided Co-Modulated GAN for 360° Field of View Extrapolation

[Mohammad Reza Karimi Dastjerdi](#), [Yannick Hold-Geoffroy](#), [Jonathan Eisenmann](#),