

The OpenCV logo consists of three interlocking circles: a red one at the top, a green one at the bottom left, and a blue one at the bottom right. The text "OPENCV AND GSTREAMER" is written in a bold, black, serif font across the middle of the image. The word "OPENCV" is partially overlaid by the logo circles, and "AND" is in the middle. "GSTREAMER" is to the right, with a faint, pixelated version of the logo behind it.

# OPENCV AND GSTREAMER

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# Outreachy

- What is Outreachy Program?
  - Outreachy helps people from groups underrepresented in free and open source software get involved.

# Outreachy

## > What is the purpose?

- Through Outreachy, participants learn how exciting and valuable work on software freedom can be, while helping to build a more inclusive community.

## > Why Gstreamer?

- I seemed interesting and I had special interest by the work with OpenCV.

# Outreachy

## ➤ My experience and results

- I started without having knowledge about Gstreamer.
- I had a few weeks to learn about it.
- And now, I have 23 patches in upstream.

# My work with OpenCV

## > What's the problem?

- The plugins didn't work with OpenCV newer than 2.4.10. because it's migrating to C ++ API.

## > How I resolved it?

- I ported the plugins to C ++, keeping some parts in C, because Gstreamer uses C API.

# Facedetect Test

- [https://www.youtube.com/watch?v=pxzejNKV\\_WQ](https://www.youtube.com/watch?v=pxzejNKV_WQ)

