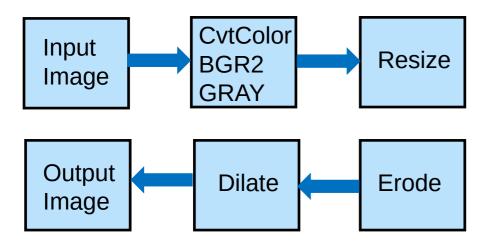
Image Segmentation for COVID-19 Chest X-RAY

Shubham Rai and Salim Ullah, TU Dresden, Germany

https://github.com/shubhamrai26/xacc_project_img_segment

- Bottom-Up Approach
 - Started off with cvtColor filter to understand the flow
- Integrated following filters— BGR2GRAY filter, threshold, resize, erode and dilate kernels
- Executed Emu-SW, Emu-HW and Hardware builds
- Filters to be added: Canny, Histogram
- Block diagram of achieved progress



- What did you learn, or what was interesting/difficult?
- (learning) How acceleration works on VITIS
- difficult Getting used to coding in this hostcode (OpenCL APIs) and accelerated environment
- (interesting) Easy to code and reproduce
- Image

