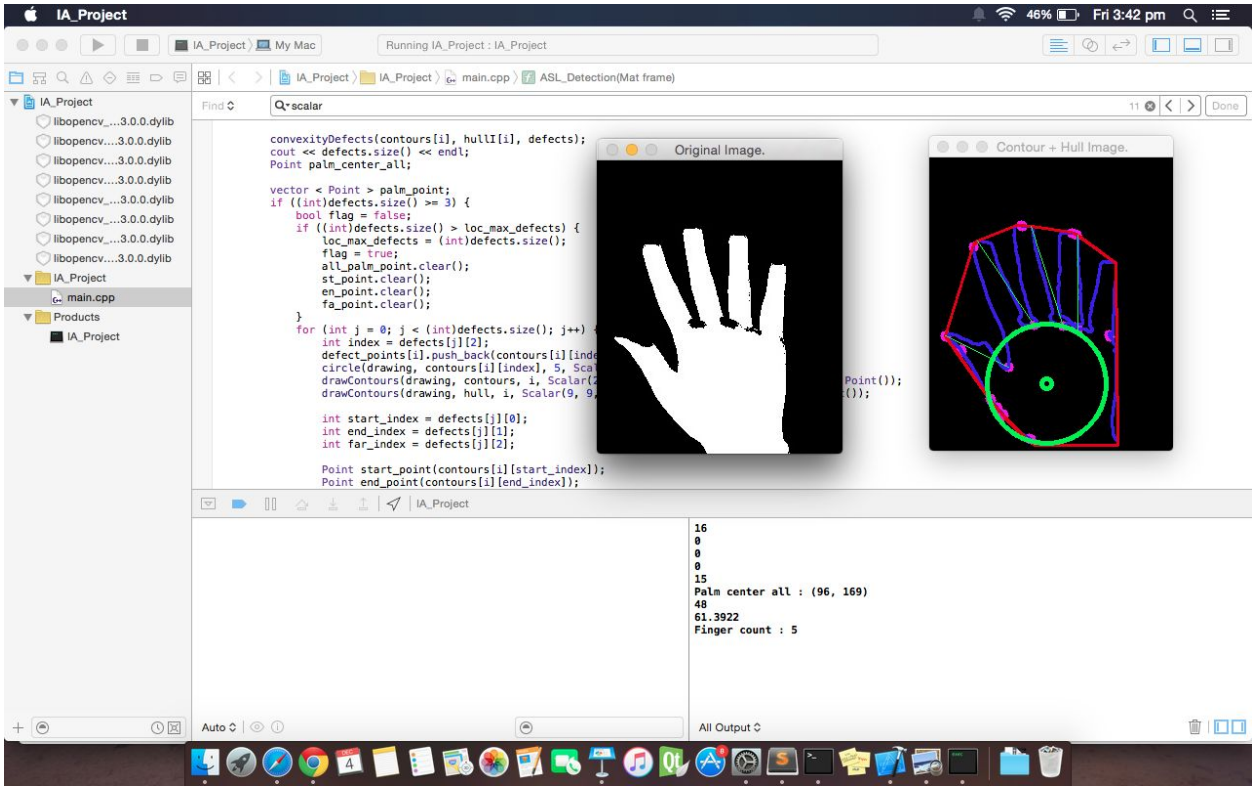
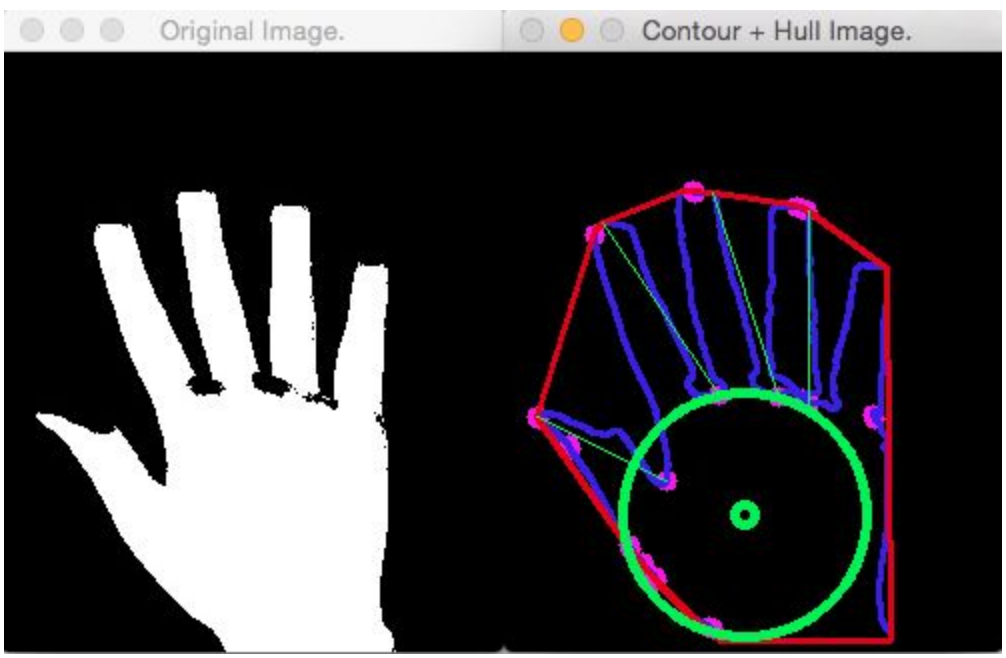
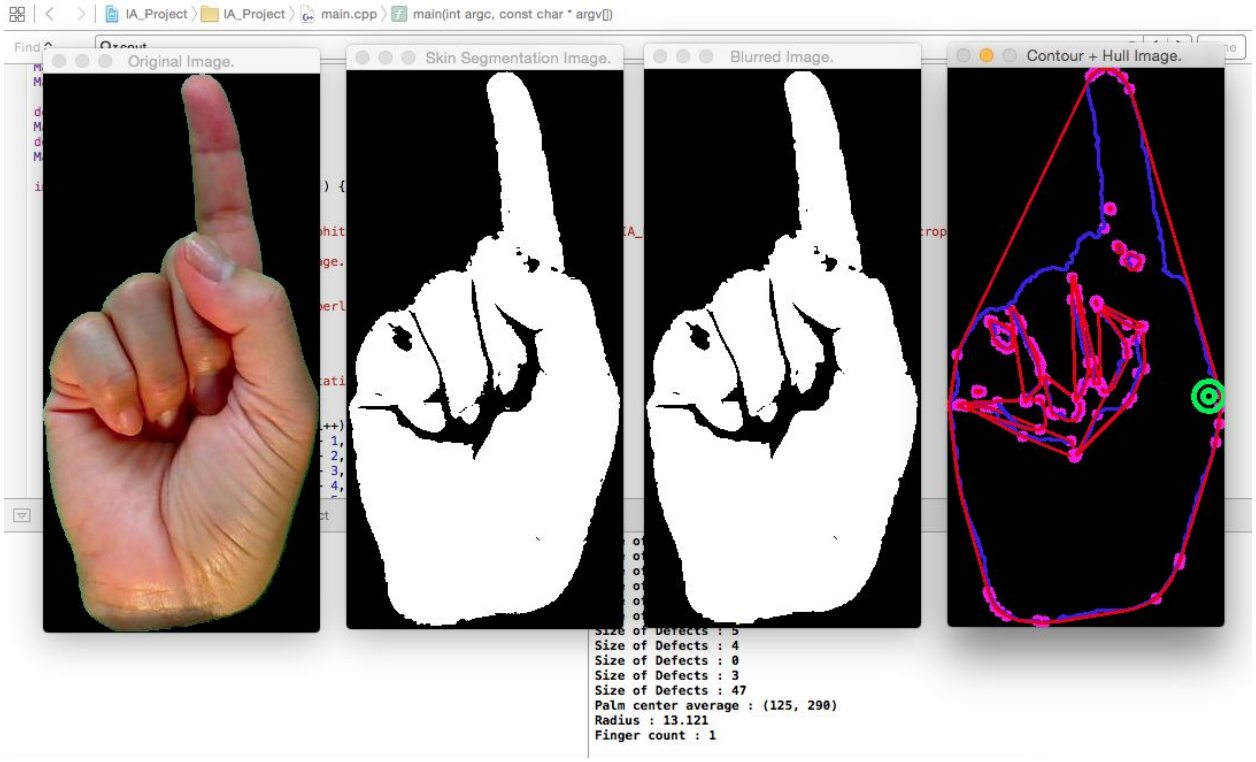
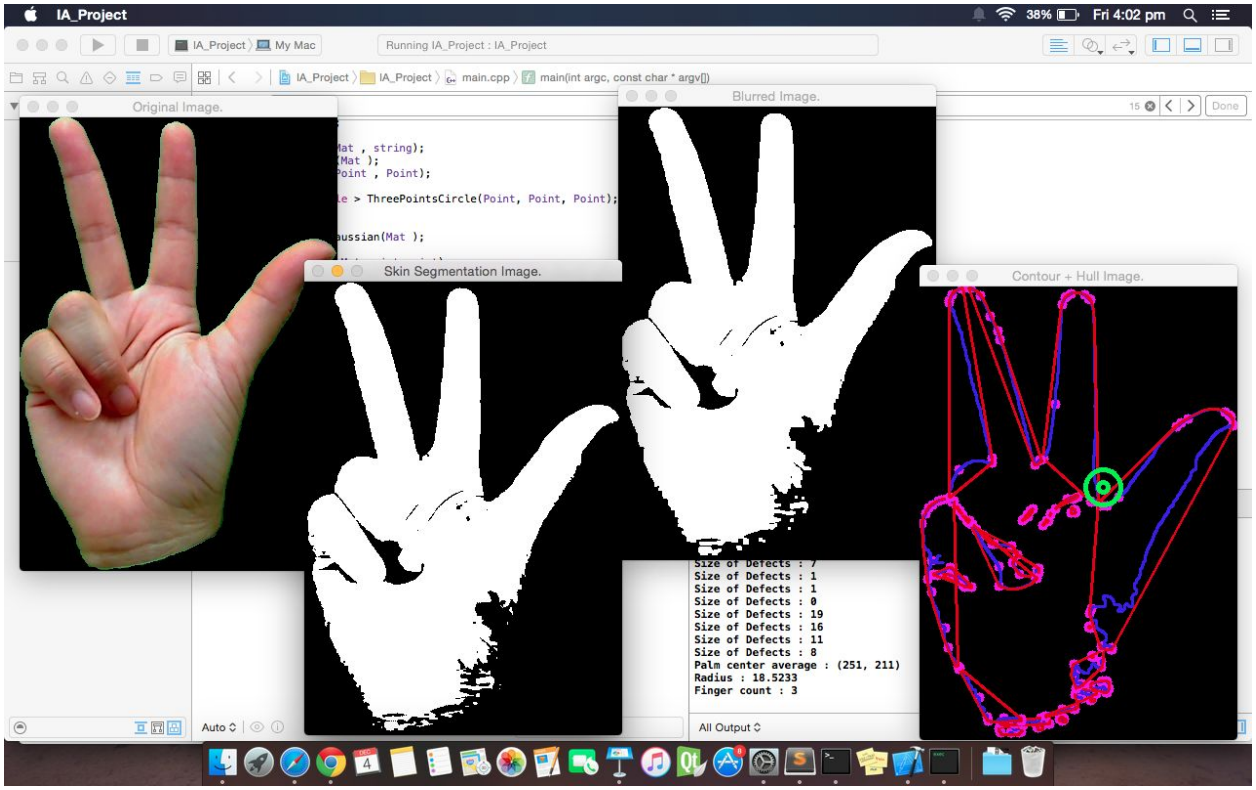
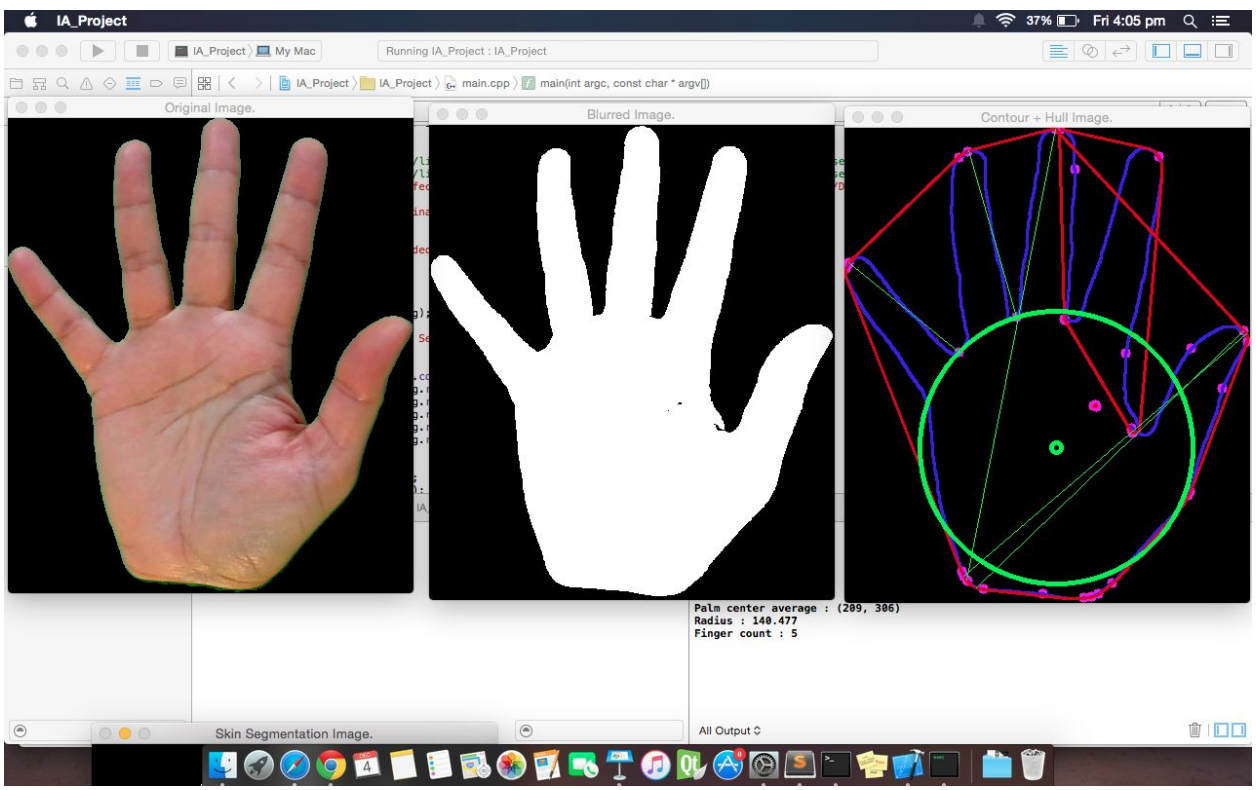

IA_Project
Running IA_Project : IA_Project
IA_Project 〉 IA_Project 〉 main.cpp 〉 ASL_Detection(Mat frame)
scalar
convexityDefects(contours[i], hullI[i], defects);
cout << defects.size() << endl;
Point palm_center_all;
vector < Point > palm_point;
if ((int)defects.size() >= 3) {
bool flag = false;
if ((int)defects.size() > loc_max_defects) {
loc_max_defects = (int)defects.size();
flag = true;
all_palm_point.clear();
st_point.clear();
en_point.clear();
fa_point.clear();
}
int start_index = defects[j][0];
int end_index = defects[j][1];
int far_index = defects[j][2];
Point start_point(contours[i][start_index]);
Point end_point(contours[i][end_index]);
Original Image.
Contour + Hull Image.
16
0
0
0
15
Palm center all : (96, 169)
48
61.3922
Finger count : 5


Original Image.
Contour + Hull Image.


IA_Project
IA_Project
main.cpp
main(int argc, const char * argv[])
Original Image.
Skin Segmentation Image.
Blurred Image.
Contour + Hull Image.
Size of Defects : 4
Size of Defects : 0
Size of Defects : 3
Size of Defects : 47
Palm center average : (125, 290)
Radius : 13.121
Finger count : 1


IA_Project
38%
Fri 4:02 pm
IA_Project
My Mac
Running IA_Project : IA_Project
IA_Project
IA_Project
main.cpp
main(int argc, const char * argv[])
Original Image.
Blurred Image.
Skin Segmentation Image.
Contour + Hull Image.
Size of Defects : 7
Size of Defects : 1
Size of Defects : 1
Size of Defects : 0
Size of Defects : 19
Size of Defects : 16
Size of Defects : 11
Size of Defects : 8
Palm center average : (251, 211)
Radius : 18.5233
Finger count : 3
All Output


IA_Project
37%
Fri 4:05 pm
IA_Project
My Mac
Running IA_Project : IA_Project
IA_Project
IA_Project
main.cpp
main(int argc, const char * argv[])
Original Image.
Blurred Image.
Contour + Hull Image.
Palm center average : (209, 306)
Radius : 140.477
Finger count : 5
Skin Segmentation Image.
All Output