

# 07\_02\_11:58:26AM

Jordans\_net

## Stats

```
Total Tests: 312
correct predictions: 236
incorrect predictions: 76
Percentage correct: 75.64%
=====
Most missed predictions
AllWires: 5
BrokenWires: 5
FooBar: 7
Glue: 4
NoWires: 44
OneThirdsWires: 7
TwoThirdsWires: 4
```

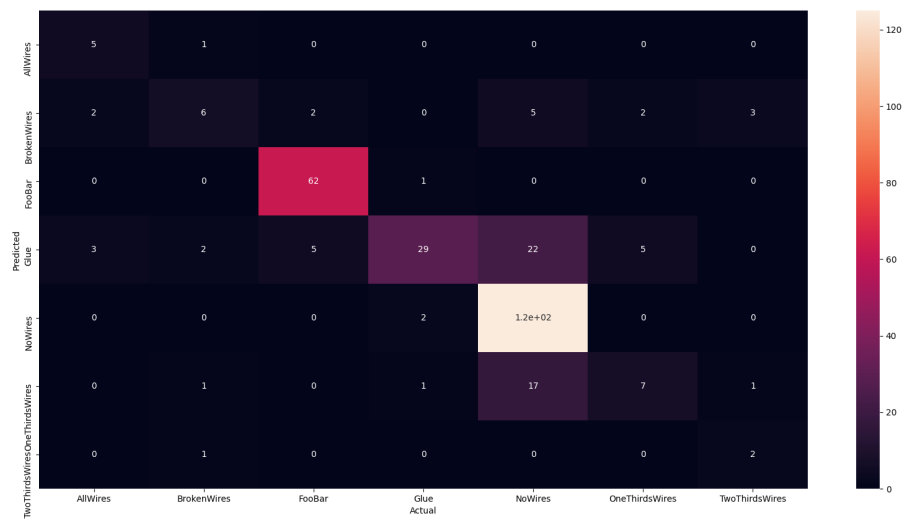
## Model Summary

Layer (type)	Output Shape	Param #
rescaling (Rescaling)	(None, 480, 480, 3)	0
conv2d (Conv2D)	(None, 480, 480, 16)	448
conv2d_1 (Conv2D)	(None, 480, 480, 16)	2320
max_pooling2d (MaxPooling2D)	(None, 240, 240, 16)	0
conv2d_2 (Conv2D)	(None, 240, 240, 16)	2320
conv2d_3 (Conv2D)	(None, 240, 240, 16)	2320
max_pooling2d_1 (MaxPooling2D)	(None, 120, 120, 16)	0

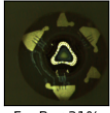
conv2d_4 (Conv2D)	(None, 120, 120, 32)	4640
conv2d_5 (Conv2D)	(None, 120, 120, 32)	9248
batch_normalization (Batch Normalization)	(None, 120, 120, 32)	128
max_pooling2d_2 (MaxPooling2D)	(None, 60, 60, 32)	0
conv2d_6 (Conv2D)	(None, 60, 60, 32)	9248
conv2d_7 (Conv2D)	(None, 60, 60, 32)	9248
max_pooling2d_3 (MaxPooling2D)	(None, 30, 30, 32)	0
conv2d_8 (Conv2D)	(None, 30, 30, 32)	9248
conv2d_9 (Conv2D)	(None, 30, 30, 32)	9248
max_pooling2d_4 (MaxPooling2D)	(None, 15, 15, 32)	0
conv2d_10 (Conv2D)	(None, 15, 15, 32)	9248
conv2d_11 (Conv2D)	(None, 15, 15, 32)	9248
max_pooling2d_5 (MaxPooling2D)	(None, 7, 7, 32)	0
conv2d_12 (Conv2D)	(None, 7, 7, 32)	9248
conv2d_13 (Conv2D)	(None, 7, 7, 32)	9248
max_pooling2d_6 (MaxPooling2D)	(None, 3, 3, 32)	0
conv2d_14 (Conv2D)	(None, 3, 3, 64)	18496
max_pooling2d_7 (MaxPooling2D)	(None, 1, 1, 64)	0
flatten (Flatten)	(None, 64)	0
dense (Dense)	(None, 128)	8320

dropout (Dropout)	(None, 128)	0
dense_1 (Dense)	(None, 32)	4128
dense_2 (Dense)	(None, 32)	1056
dense_3 (Dense)	(None, 7)	231
=====		
Total params: 127,639		
Trainable params: 127,575		
Non-trainable params: 64		

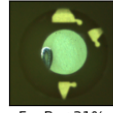
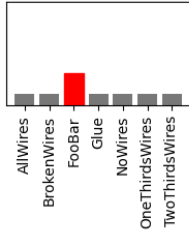
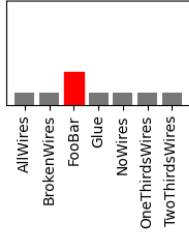
## Confusion Matrix



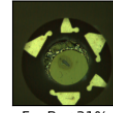
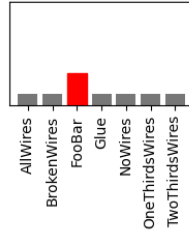
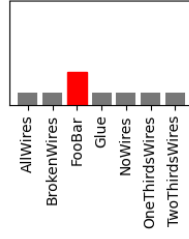
## Random Samples



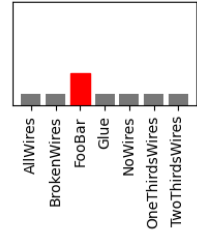
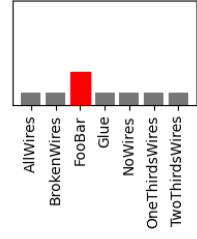
FooBar 31%



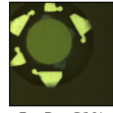
FooBar 31%



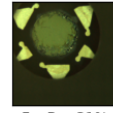
FooBar 31%



FooBar 31%



FooBar 31%



FooBar 31%