Parking Spot Occupancy Detection on the CNRPark Dataset Using Assorted Deep Convolutional Neural Networks

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*Abstract*—"Briefly describe the problem, the method and the results.”

Keywords—Classification, Deep Learning, Deep Learning, Convolutional Neural Networks, Residual Neural Networks

# Introduction

“Provide more detailed description of the problem and why this problem is important to solve. • Provide related work related to the problem you are solving. (at least 12 references)”

# Background

“Introduce the tools you are using to solve the problem.”

## Section

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## Section

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# Methods

“Describe the methods/procedures you used to solve the problem.”

## AlexNet

## ResNet50

## SimpleResNet

## DenseNet

## SuperTinyNet

# Results

“Describe and analyse your results.”

# Conclusions

“Summarize your work, results and future improvements”

# What did you learn

## Anthony Harris

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## Joshua Ellis

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## Naseem Saquer

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##### References

“At least 12 references”

1. Ref1
2. Ref2, etc…