

# RGB-D Object Recognition using Deep Learning

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*Abstract—*

## I. INTRODUCTION

*Define and motivate the problem, discuss background material or related work, and briefly summarize your approach.*

## II. DETAILS OF APPROACH

*Include any formulas, pseudocode, diagrams – anything that is necessary to clearly explain your system and what you have done. If possible, illustrate the intermediate stages of your approach with result images.*

## III. RESULTS

*Clearly describe your experimental protocols. If you are using training and test data, report the numbers of training and test images. Be sure to include example output figures. Quantitative evaluation is always a big plus (if applicable). If you are working with videos, put example output on YouTube or some other external repository and include links in your report.*

## IV. DISCUSSION AND CONCLUSIONS

*Summarize the main insights drawn from your analysis and experiments. You can get a good project grade with mostly negative results, as long as you show evidence of extensive exploration, thoughtfully analyze the causes of your negative results, and discuss potential solutions.*

## V. INDIVIDUAL CONTRIBUTIONS

*Required if there is more than one group member. including URLs for any external code or data used.*

## REFERENCES

- [1] H. Kopka and P. W. Daly, *A Guide to L<sup>A</sup>T<sub>E</sub>X*, 3rd ed. Harlow, England: Addison-Wesley, 1999.