
Intel Flight Controller

IFC+

CS406 SPECIAL PROJECT

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1 Introduction

This Project was developed as an extracurricular for computer science elective credit.

2 Platform

2.1 What platform did we decide to use?

2.2 Other platforms

2.3 Considerations

3 Hardware

3.1 MultiRotor

Things Learned:

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3.2 Intel-Based Board

Things Learned:

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3.3 Flight Controller

Things Learned:

-

3.4 Motor Controller

Things Learned:

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3.5 Remote Control

Things Learned:

-

4 Software

4.1 HyperVisor

Things Learned:

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4.2 ROS

Things Learned:

-

4.3 Linux AP_HAL

Things Learned:

-

4.4 Simulation Software

Things Learned:

-

5 Conclusion

5.1 What I learned

5.2 How this project benefited me

5.3 What still needs to be done

5.4 Problems I came accross