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Title

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to

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for the BSc in Computer Science

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I would first like to thank…

**Abstract** |

KEYWORDS |

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**List of Abbreviations**

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| **Abbreviation** | **Text** |
| BD | Big Data |
| CC | Cloud Computing |
| IoT | Internet of Things |
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# Introduction

Εδώ θα μπεί πρώτα το κομμάτι 2 του Ethical Form…

Έπειτα θα πρέπει αφού εισάγουμε τον αναγνώστη στο θέμα και τη σημαντικότητα της εργασίας να αναφέρουμε τον σκοπό και τους στόχους της εργασίας (κομμάτι 1 του Ethical Form)…

## Current Study Overview

## Scientific Contribution

## 1.3 Outline

Εδώ θα μπεί το κομμάτι 3 του Ethical Form….

Αυτά αρχικά για να αρχίσουμε να δομούμε παράλληλα και το Introduction section το οποίο θα ολοκληρώσουμε στο τέλος…

# 2. Related Work

Labib, N.S., Brust, M.R., Danoy, G. and Bouvry, P. (2021). The Rise of Drones in Internet of Things: A Survey on the Evolution, Prospects and Challenges of Unmanned Aerial Vehicles. *IEEE Access*, 9, pp.115466–115487.

Lin, C., He, D., Kumar, N., Choo, K.-K.R., Vinel, A. and Huang, X. (2018). Security and Privacy for the Internet of Drones: Challenges and Solutions. *IEEE Communications Magazine*, 56(1), pp.64–69.

In recent years, UAV applications for civil and military purposes have been increased significantly. This is because drones are very cost efficient to maintain and can provide very , useful information with a bird-eye-view and deliver packages in hard to reach locations. Some fields that drones are used are courier services, search and rescue operations, security surveillance etc. Artificial intelligence and more specifically machine learning has a very solid contribution into the development of more complex and utilitarian applications. Therefore, this broad range of applications have caused security threats that need to be managed. Drones handle very sensitive data with a form of audio video or image through communication channels such as WIFI which is not the most secure protocol for data transfer. The biggest security concerns are spoofing, false data injection, jamming etc. The most common way to counter attack these threats is via data encryption during transform.

Shafique, A., Mehmood, A. and Elhadef, M. (2021). Survey of Security Protocols and Vulnerabilities in Unmanned Aerial Vehicles. *IEEE Access*, 9, pp.46927–46948.

Yaacoub, J.-P. and Salman, O. (2020). Security Analysis of Drones Systems: Attacks, Limitations, and Recommendations. *Internet of Things*, [online] p.100218. Available at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7206421/.

Πρώτο Task για 8/12/2021 ή εως 11/12/2021

Από μία παράγραφο για το κάθε ένα από τα 5 papers πάνω στο θέμα σας, η οποία θα προκύψει από την περίληψη και τα συμπεράσματα του καθενός.

# 3. Comparative Analysis and Discussion

# 4. Proposed Idea…

# 5. Experimental Results (Testing/Evaluation)

Σε αυτό το σημείο θα έχουμε τα αποτελέσματά μας είτε αυτά είναι από υλοποίηση είτε από συγκριτική ανάλυση της ιδέας μας έναντι άλλων παρεμφερών.

# 6. Conclusion

# 7. Future Work and Directions

# 8. Bibliography