

ESCUELA TÉCNICA SUPERIOR DE INGENIERÍA  
I.C.A.I.

Master's Final Project  
YEAR: 2ºMIT

Masters Final Project Sheet

Major: Telecommunications Engineering

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Title of the Research Project (Master's Final project):  
Decentralized Applications' safety and security

Directing teacher (First and last name): Yue Duan

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Summary of the project (5-6 lines)

First, we study on understanding how dApps work and how they connect to the users. Also, as part of our research, we will work on users' wallet manager applications like MetaMask to understand how dApps can interact with them. we will find a complete list of all possible APIs, Messages, and Transaction types for dApps to interact with users. Finally, we plan to find safety and security issues for dApps and survey them.

El documento final del proyecto será subido al Repositorio Institucional de Comillas con acceso público. El alumno podrá solicitar un nivel restringido de acceso (incluido el "cerrado" o "confidencial") que podrá concederse, excepcionalmente, si está plenamente justificado.

The final report of the Project will be uploaded to the Comillas Institutional Repository with public access. The student will be able to ask for a restricted access (even "closed" or "confidential") which will be exceptionally accepted if it is fully justified.

Director's Acceptance (Date & Signature)    PhD Student's Acceptance (Date & Signature):



01/23/23



01/23/23

## **INFORMATION ABOUT THE FINAL DEGREE PROJECT**

Title of the Project: Design & Implementation of an Industrial Cybersecurity Lab /  
Diseño e implementación de un laboratorio de ciberseguridad industrial

Directing teacher's name: Antonio Perez Sánchez

Academic year in which it was carried out: 4<sup>a</sup>GITT (2021)