



## BACHELOR'S THESIS PRESENTATION CERTIFICATE

Ms ALMA M. PISABARRO MARRÓN, Secretary of the evaluation committee of Mr. PABLO VALDUNCIEL SÁNCHEZ's bachelor's thesis,

### HEREBY CERTIFIES:

That Mr. PABLO VALDUNCIEL SÁNCHEZ, born in Valladolid (Valladolid), Spain, with I.D. number 71184939P, has successfully presented his bachelor's thesis "*Virtual assistants: state of the art and development of a prototype*" ("*Asistentes virtuales: estudio de la cuestión y desarrollo de un prototipo*") at the University of Valladolid on May 14<sup>th</sup>, 2020 and obtained the following qualification **9.7** out of 10.0. The obtained qualification implies that he will be granted the 12 ETCS corresponding to the thesis of the B.Eng. in Computer Engineering.

And thereby, I sign this certificate at the request of the interested party in Valladolid, May 14<sup>th</sup>, 2020.

**ALMA M. PISABARRO MARRÓN**  
(\*electronic signature)

*This certificate contains 1 page.*

**Edificio de Tecnologías de la Información y las Telecomunicaciones**

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