

Rafael Alférez Robisco

I have a degree in Technical Industrial Engineering, specialized in Mechanical Engineering.

I'm passionate about bringing all kinds of ideas to life for the well-being of people, which is why I love learning a little bit about everything to better understand the big picture of how things work. I'm currently working on deepening my knowledge of computer science, networks, and servers, as well as the services that surround them.



Career

	Grupo Portillo Systems Engineer for the technical implementation department.	
2025	Design, configuration, and deployment of multiservice network infrastructures, CCTV systems, IPTV, VOIP, servers, etc.	
2023	Asea Brown Boveri (ABB) Laboratory technical engineer in the I+D Electrification Research and Development department.	

Education

2025	Degree in Mechanical Engineering from the Universidad Politécnica de Madrid	 POLITÉCNICA UNIVERSIDAD POLÍTÉCNICA DE MADRID
2022	Python Course	
2021	B2 Certificate in English (TOEIC)	
2015	Baccalaureate at Centro Salesiano Santo Domingo Savio	

Highlights

2018 | First prize IFEMA-ETSIDI ideas competition

In 2018 I took part in the ideas competition promoted by IFEMA in conjunction with the ETSIDI of the UPM for the redesign of an electromechanical locking system for the gates of the pavilions of the Feria de Madrid fairgrounds.

After successfully passing the various phases of presentation and exhibition, my project "*Solución al cierre de los portones de guillotina de IFEMA*" was awarded the first prize.

Here you can watch the video of the awards ceremony 

Contact & Social

	Mail: alfredwork.efficient416@slmail.me
	Telegram: @capialferez
	Github: Alf3rez
	Web Version: https://short.upm.es/edu6y

Experience

Career

2026	Design, configuration, and deployment of the multiservice network for the Mandarin Oriental Punta Negra Hotel
2025	Configuration and deployment of UIPPL 27, 28, and 29 multiservice network for Uruguay's Ministry of the Interior

Academic

2023	Student mentoring
2023	CREA Association (Club de Robótica, Electrónica y Automática), board member
2022	
2023	Cube Association (Asociación del Cubo), founder, president and board member
2016	
2019	Organizer of Speedcubing Competitions UPM Open 2019, Tembleque Open 2018 y 2017
2017	
2019	Organizer of Red Bull Mind Gamers World Cup
2019	Aula Fair 2019
2018	
2016	Secretary of Student Delegation board, Sub delegate and Delegate of Mechanical Engineering Degree, Group and Course, and student representative of department council