

To whom it may concern,

I write this letter in strong support of Adam El Ghaib Bougrine application for the LTU Master's program in Space Science and Technology.

I am currently director deputy of the ESEIAAT (Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa), a Faculty of the Universitat Politècnica de Catalunya - BarcelonaTECH (UPC), the most important Spanish university in the field of science, architecture and engineering. I base my opinions on my experience and knowledge of Adam El Ghaib academic achievements.

I know him since he followed my subject *Electronic Circuits* in the 3rd year of his degree. Moreover, I'm aware of his involvement in Cosmic Research, a project run by a group of students focused on the design and manufacturing of rockets. This group has wide experience operating rockets. In 2017 they launched Resnik, a self-designed rocket with 2km of apogee. In addition, they have wide experience providing launch services for ESA's CANSAT competition in Spain. In November 2021 they achieved their most brilliant milestone: the successful launch of a suborbital sounding rocket with 10km of apogee from the CEDEA facilities of INTA (Instituto Nacional de Técnica Aeroespacial). This is the most powerful non-military rocket ever built and launched in Spain. Adam was in charge of the launch pad systems and ground risk assessment.

Since I know him, I was surprised by his maturity, professional behaviour and commitment. These personal qualities in addition to his great and genuine enthusiasm for rocketry and aerospace engineering, an extremely self-demanding character and an intellectual capacity above average make him the perfect candidate to develop a successful professional life.

He is a hard worker that loves to accept challenging projects. He has an open-minded and friendly character. I would like to underline his passion for learning. Regarding foreign language, he has a fluent level in English and he also has basic knowledge of French.

For all the reasons above mentioned I strongly support his application. Please, do not hesitate to contact me directly if you require further information.

Sincerely yours,



Dr. David González
Deputy Director, ESEIAAT-UPC BarcelonaTECH
david.gonzalez@upc.edu / +34 654 222 854