

Pablo Agustín Lobo

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Personal Details

- **DNI:** 38069162.
- **Date of birth:** 17/02/1994.
- **Place of birth:** CABA, Argentina.
- **Nationality:** Argentine.
- **Citizenship/Passport:** Argentine, Spanish.
- **Marital Status:** Single.

Education

- **Buenos Aires Technological Institute (ITBA):** Mechanical Engineering. 2013 - 2020
 - 97.5% progress. Graduation date: June 2020.
- **Royal Institute of Technology (KTH) - Sweden:** Exchange student. January 2018 - June 2018
 - AF2024 - Finite Element Methods in Analysis and Design
 - MJ2246 - Rocket Propulsion
 - MJ2426 - Applied Heat and Power Technology
 - MJ2443 - Heating, Cooling and Indoor Climate
- **Exploring the Physics of Planetary Environments, KTH, Sweden.** August 2019

Summer course where 25 international students took part in both lectures and workshops with group tasks on specific planetary environments exploration techniques such as numerical simulations and analysis of telescope and spacecraft data. More info at: <https://www.kth.se/spp/education/summer-course-2019>
- **Space Mission Design and Operations (EE585x), EPFLx, edX.org.** March 2020 - May 2020

Online course offered by Ecole Polytechnique Federale de Lausanne. The course focused on conceptual understanding of space mechanics, maneuvers, propulsion and control systems used in all spacecraft. Lectures also encompass examples of challenges related to the use of the space environment as a platform for scientific and utilitarian purposes.
Certificate: <https://courses.edx.org/certificates/ce22565ecdd94908b52edb34dbddb73a>

Languages

- **Spanish:** Native speaker.
- **English:** CEFR C2.
 - Cambridge University, Certificate of Proficiency in English, Grade: 75/100 (B). December 2011
 - TOEFL iBT, Grade: 113/120. November 2019

Technologies

- **Ofimatic Tools:** Microsoft Office Word/PowerPoint/Excel (Official certificates), L^AT_EX.
- **Mathematical Tools:** Matlab (Cody Challenge enthusiast), EES.
- **CAD Tools:** CATIA v5, SolidWorks, GrabCAD.
- **Finite element analysis:** Abaqus.

Work & Volunteering Experiences

- **Sweden Alumni Network Argentina:** Chairperson. January 2020 - Present

Sweden alumni networks around the world are open for anyone who have studied or carried out research in Sweden. The goal of the network is to provide a platform for alumni to stay in touch with Sweden and each other. Was one of its founding members of the 50+ members network. More info at: <https://alumni.si.se/alumni-networks/>
- **Tenaris, Quality Assurance:** Summer intern. January 2019 – March 2019

TenarisSiderca Cold Drawn and Components Center. Main responsibilities were:

 - Validation of cold drawn and heat treatment processes as per IATF 16949:2016 requirements.
 - Plan and conduct Measurement System Analysis (MSA) studies following AIAG guidelines.
 - Revision of PPAP documentation in collaboration with Product Engineering department.
 - Assist Product Engineering department in the later phases of product development.
- **Design & manufacture of a 3D printer.** April 2016 – December 2016

Volunteer work. Part of a 4-student team, at ITBA. My role in the project was designing and drawing a printer that met the project's requirements.
- **Mathematics and physics teacher.** June 2015 – December 2019

I give classes to high-school and early university students at my home in order to assist them with both physics and mathematics learning. This initiative grew as a response to my interest in science education.

Last modified in June 2020.