Agustín Beceyro Ferrán

Master of Engineering

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About Me

I am a professional with a strong analytical profile and a growing focus on information technologies. I am currently enhancing my background with skills in software development, data analysis, and agile methodologies.

I am seeking a new professional challenge where I can contribute to a team, particularly in the implementation of technological solutions.

Tech Skills

- Python, Java, PHP, HTML, CSS, SQL
- Git, Jupyter Notebooks, Jira, Trello
- Linux, macOS, Windows
- Latex, Markdown

Languages

- 🇦🇷 Spanish
- 🇬🇧 English
  - 🎓 Certificate in Advanced English
  - 🎓 IGCSE, GCE (AS Level)
  - 🎓 First Certificate in English
  - 🎓 TOEIC

Working Experience

2021 – 2025 **R&D Engineer + Project Manager** **LIA Aerospace**
Coordination of the development of a space propulsion system. Analysis of experimental data using Python. Drafting and reviewing technical reports.

2019 – 2021 **R&D Engineer** **LIA Aerospace**
Development of physical simulations in Python. Design and testing of flight and ground systems for a sounding rocket.

2015 – 2019 **R&D Engineer** **Centro Atómico Bariloche - CNEA**
Simulation of neutron diffractometer optics. Development of scientific software in Python for data analysis and numerical optimization routines. Drafting and reviewing technical reports.

2014 – 2015 **Graduate Fellow** **Centro Atómico Constituyentes - CNEA**
Recipient of a scholarship for the postgraduate diploma in Nuclear Reactors and Fuel Cycle at Instituto Dan Beninson.

2012 – 2014 **R&D Engineer** **Instituto Tecnológico de Buenos Aires**
Design, construction, and testing of a propulsion system for a satellite and a high-pressure hydrogen electrolyzer. Teaching assistant and co-advisor for a thesis project.

2008 – 2012 **R&D Intern** **Instituto Tecnológico de Buenos Aires**
Design, construction, and testing of prototypes at the Hydrogen Laboratory of the Department of Mechanical Engineering.

2007 – 2008 **Offset Printer Technician** **Gráfica ECO**
Machines setup, calibration, operation, and maintenance.

Education

2024 – **Bachelor in Information Systems** **Escuela Da Vinci**
Partial average: 9.8/10.

2017 – 2019 **Master in Engineering** **Instituto Balseiro**
Focus: Neutron Optics. Average: 9.6/10.

2014 **Postgraduate Diploma** **Instituto Dan Beninson**
Focus: Nuclear Reactors and Fuel Cycle. Average: 9.6/10.

2005 – 2012 **Mechanical Engineering** **Instituto Tecnológico de Buenos Aires**
Best 2012 Mechanical Engineering Thesis Award. Average: 7.3/10.

2002 – 2004 **Bilingual High School** **Balmoral College**
Focus: Natural Sciences. Average: 8.0/10.

Workshops & Courses

2020	IBM Data Science	**IBM + edx**
2020	Python Data Science	**IBM + edx**
2020	Data Science Foundations	**IBM + edx**
2018	Introduction to Computing in Python	**Georgia Tech + edx**
2017	Introducción al lenguaje Python orientado a ingenierías y física	**Instituto Balseiro**