

Nil Barcons Ventura

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Project Manager

PERSONAL STATEMENT

A postgraduate engineer with a double major in Renewable Energies and Aerospace Vehicles. Excels on organizational, management and leadership skills due to expertise as project leader in different engineering projects. Exhibits innovative ideas as well as negotiation, communication and analytical skills boosted during his career. Previous professional experiences provide a combination of interpersonal and moral expertise which create an encouraging and assertive team leader. Eager to deliver the best thanks to the passion to build a better future for humanity.

KEY ACHIEVEMENTS

- Quickly adapted to Freeway's business ecosystem and earned trust to perform high level mgmt duties.
- Successfully led projects with a total market cap of 25 million USD during his Telstar participation.
- Bolstered US customer relations entailing 40 million USD contracts while working in Telstar.
- Awarded £10,000 scholarship to Cranfield University in 2019/20 by Cranfield's dept. of Energy and Power.
- Obtained distinction with honors during MSc Aeronautics at Aerospace Vehicles Project Management.
- Achieved maximum mark at the BA individual Thesis about "Energetic, Economic and Aerodynamic Feasibility Study of PV Installation on A320".

EDUCATION

MSc Renewable Energies: Cranfield University, Cranfield, UK (October 2019 - September 2020)

- **Modules:** Renewable Energy Technologies 1, Risk and Reliability Engineering, Engineering Stress Analysis: Theory and Simulations, Energy Entrepreneurship, Energy Systems Case Studies, Fluid Mechanics and Loading, Renewable Energy Structures.
- **Individual Thesis:** Estimating UK's energy scenarios by 2050 according to renewable generation trends.

MSc Aeronautics: UPC, Terrassa, Spain (February 2018 - June 2019)

- **Modules:** Aerodynamics, Flight and Orbital Mechanics, Aerospace Production and Materials, Airport Design and Construction, Rocket Combustion and Propulsion, Radiofrequency and Communication Systems, Aircraft Propulsion Systems, Aerial Navigation Systems, Aerospace Project Management.

BA Aerospace Vehicles Engineering: UPC, Terrassa, Spain (September 2013 - January 2018)

- **Modules:** Aerodynamics and Flight Mechanics, Fluid Mechanics, Propulsive Systems, Materials Science, Electric and Electronic circuits, Structures Theory, Gas Dynamics and Heat Transfer, Aviation Systems, Informatics, Statistics, Automatic Control, Airplane and Helicopter Design and Hydraulic Systems.
- **Individual Thesis:** Energetic, Economic and Aerodynamic Feasibility Study of PV Installation on A320.

CAREER HISTORY

Freeway (Aubit International): Cayman Islands, Remote – Project Manager (February 2022 – Up To Date)

Freeway is a FinTech Crypto Company that provides passive income solutions to its customers aiming to give the financial power back to the individuals and not the entities. To achieve so, it merges the best parts of both Traditional Finance and DeFi. Historically, only those most privileged have had access to superior passive income rewards. Freeway changes this, enabling access to absolutely everyone for greater rewards.

- Proven adaptive capacities working with an international team in a new business sector (financials) and background tech (blockchain). Started bringing impact to the business from week one.

- Assessed & remodeled departmental structures within the company to ensure efficiency and scalability as the business expands in members and workload.
- Researched, selected and implemented several applications to enhance the company's systems (regarding HR, Business Development and Tech).
- Responsible for team communications regarding security systems and internal management updates.
- Collected team broad information on Data Management to mind-map the entire Data Flow of the company. Out of this, conducted the implementation of the most suitable ERP & CRM solutions to ensure the business' quick growth.

Azbil Telstar: Terrassa, Spain – Project Manager (October 2020 – February 2022)

Telstar specializes in the development of engineering & construction projects, integrated process equipment and GMP consultancy solutions, including turnkey projects and critical installations; integrating knowledge and technologies to provide optimal solutions with a high added value to our customers for companies associated with Life & Health Sciences.

- Learned from scratch Telstar's technologies in 1 month and started leading small projects. After 6 months of gaining board of director's recognition, started leading top-tier projects while enhancing the team's performance and providing high satisfaction to the customer thanks to persuasive & charismatic skills.
- While being 26 years old in an environment of senior professionals, earned the respect of his co-workers, learnt from their expertise and made impactful decisions according to strong common sense, critical thinking and team's advice.
- Carried out weekly meetings with customers, reporting the status of the project and presenting flexibility and adaptability to the customer's demands.
- Performed weekly analysis of project planning and cost plan: Anticipating cost & schedule deviations through meticulous analysis of incoming manpower & material requirements. Only escalating to the board of directors when necessary

IMC Toys: Terrassa, Spain – Intern Engineer (March 2019 - July 2019)

IMC ranks among the top 20 toy developers in Europe. Present at international trade fairs and shows such as Nuremberg, London, Deauville, Mexico and Moscow. Research and development department located in Barcelona, permanently in touch with the development department in Hong Kong.

- Collaborated in a team mixed with marketing, design and innovation professionals to ensure concept convergence and economic feasibility on different toys developed.
- Participated in several meetings per week to discuss product development to enhance market success on IMC's toys while providing engineering project perspective.
- Managed the development of products by designing, obtaining materials and manufacturing nearly 10 toy prototypes as well as updating bureaucratic documents defining nearly 30 products.
- Responsible for mentoring interns from the Hong Kong department by providing guidance and managing their activities on the product. Such a communicative process ensured correct development of 15 toys from an engineering perspective.

KEY ACHIEVEMENTS

- **Languages:** Fluent English (CAE), Spanish (native) and Catalan (native). Medium French level (B1.2).
- **IT Skills:** Skilful IT user. Experienced with Solid Works, the entire Microsoft package, C++ programming, Typeform, Miro, ClickUp, GitHub, JIRA and other mgmt. tools, also possess abilities for MATLAB, NX Siemens and Prezi.
- **Individual Interests:** Interested in investing & doing research on future technologies, particularly crypto. Enjoys cinema and playing, composing and listening to music. Plays classical guitar. Loves watching and practicing sports such as football, tennis and padel.
- **Memberships:** Graduate member of College Engineers, Student member of the Energy Institute, Catalan Federation of Padel.
- **Volunteering:** Offered his sportive and instructive skills to coach young and old paddle learners in open sessions. Created and captained a padel team in Club Tennis Sabadell.