

# Pablo Berlanga Boemare

[berlanpa@gmail.com](mailto:berlanpa@gmail.com) | [linkedin.com/in/boemare](https://www.linkedin.com/in/boemare) | +32 470 60 39 33 | [www.boemare.com](http://www.boemare.com)

## EXPERIENCE

---

### McDonald's

Reunion Island, France

Data Scientist Intern

April 2024 - Current

- Performed customer analysis (segmentation, CRM, pathway) for over 80,000+ registered customers through unsupervised learning, geographical clustering and RFM analysis
- Translated non-technical needs into technical specifications for cross-functional team operations across pricing, supply chain, and marketing for analyzing 500+ product variations and 20+ campaigns

### Sense of Flow

St Andrews, Scotland

Founder and Executive

September 2023 - June 2024

- Established and strategically executed a cultural event framework generating over 30.000€ EBITDA through 10+ events spread over 3 quarters, reinvesting profits into educational charitable program
- Performed team scaling to 10+ employees building optimization system to perform audience-specific marketing based over data of 2000+ distinct attendees. Sold for 5 figures to prioritize technical ventures.

### Citadel & Citadel Securities

London, United Kingdom

Spring Trading Invitational

April 2024

- 1 of 70 selected from 4000+ applicants. Placed in top 50% of attendees in individual trading simulation

### French National Institute of Health and Medical Research

Montpellier, France

Machine Learning Intern

May 2023 - August 2023

- Developed U-Net-modeled segmentation system for precise chest CT anatomical lung extraction automating process to account for 10+ different pathological case scenarios
- Implemented new transfer learning registration techniques for longitudinal pulmonary tracking and disease progression analysis reducing complexity and completion time by a factor of 20

### Center for Research in Economics and Statistics

Paris, France

Data Science Intern

June 2022 - July 2022

- Expanded existing data analysis to identify high-potential clustering methods for tumor identification
- Collaborated on regression models to predict optimal turbine output for French wind farm project

## EDUCATION

---

### University of St Andrews - Mathematics and Computer Science

MSc (Hons) Mathematics and Computer Science

Expected: First, Graduation: May 2026

- Relevant coursework: : Linear Algebra, Abstract Analysis, Differential Calculus, Logics & Reasoning, Computer Systems, Computational Complexity, Dynamical Systems, Object-Oriented Programming

United World College of the Atlantic / International Baccalaureate Bilingual Diploma: 41/45 / SAT: 1540

## PROJECTS

---

### Spatial Capture-Recapture Animal Distribution

Software Engineer

- Spearheaded development efforts, utilizing Scrum/Agile methodology, React/Flask framework to deliver cross-platform application with 10+ features - 90% positive feedback for performance
- Applied 10+ design principles in dev learnt in academic setting: notably MVVM, Modularity, TDD, DIP

### Lotus - Nutritional Tracking Platform ([App/Github](#)) Scrum Master / Software Engineer / Co-Founder

- Administered activation strategy for cross-platform application building Flutter/Django MVP
- Ensured seamless integration across front-end/backend communication - hooks/databases/Firebase services

## ADDITIONAL INFORMATION

---

Languages:

Spanish (Native), French (Native), English (Fluent), Italian (B2)

Interests:

Marathon & Ironman 70.3 Finisher, Surf, Photography, Mountain DJing

Charity:

Atlantic Pacific Search & Rescue, RNLI Lifeguarding, 24 Hour Race Ltd

Skills:

Power BI, SQL (SSMS), Flutter, React, Python, Tensorflow, C++, C