



THOMAS LOPEZ ANGUIANO

PRODUCT ENGINEER

/ ABOUT

I am a software developer passionate about product and design in complex, user-centered, innovation-intensive, and data-driven business environments.

/ CONTACT

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/ SKILLS

Python	Analytical
Node.js	Teamwork
React	Leadership
Mobile Dev	Communication
Angular	Critical Thinking
R	Business & Finance

/ LANGUAGES

■■■■■ Spanish
■■■■■ Basque
■■■■■ English
■■■■■ Finnish (A2)
■■■■■ Russian (A1.2)

/ INTERESTS

> Basketball and mountain biking
> Music - Trumpet (J.F. Iribarren Music School graduate)
> Photography and design



/ WORK EXPERIENCE

>> Software Engineer

BlackRock | 2020 to present

Working in Production Operations within the Software Engineering Team, Aladdin Product Group (APG). Joined the Development functional team specialising in automation and operational efficiencies. Overseeing day-to-day operational support to the production software and infrastructure of Aladdin investment systems for BlackRock and our clients – involving internal and Splunk, AppDynamics, Ansible and Azure technologies.

>> Software Developer

AlphaSwap | 2019 to 2020

Worked in the development of AlphaSwap using React, Node.js and PostgreSQL building a complex, AI-driven, FinTech platform. Mainly worked on UI/UX design and enhancements, using D3.js to build graphs on stock and portfolio performance. Implemented a user comment system with sentiment tags in combination with NLP – this was later fed to the proprietary investment algorithm to weight portfolios according to the overall sentiment. Completed several API implementations including Solarwind Papertrail cloud logging and deployed a new mailing system using Postmark.

>> Summer Analyst

BlackRock | 2019

Working within the Platform Engineering and Operations Team. Developed an operational efficiency tool with three other summer interns automating change management event scheduling. This project involved developing a tool to easily visualise thousands of infrastructure and software changes monthly. We also developed a smart conflict engine to detect conflicting changes within a time window and reschedule them. Shadowed all teams within Platform (WebOps, DBAs, SRE and Platform Client Engagement).

>> Data Scientist

CINFA Laboratories | 2018

Introduced Data Science to the company, specifically, applying it to the Commercial Department. By utilising R and Python, with the aim to allow for better decision-making and improving the company's operations, I developed and optimised models for demand prediction with machine learning algorithms, enhancing stock optimisation. Identified market trends and consumer insights with data mining tools, and researched on a new customer segmentation. Mined product association rules (frequency, seasonality, cross-selling and up-selling). Implemented advanced data visualisation, developing a dynamic and interactive Balanced Scorecard for the executive team.

>> Marketing and Sales

EF Education First | 2014 to 2017

Started as a sales promoter and that same season was in the top 10 salespeople in the country. Sales division awards: Top Ambassadors 2015, 2016 & 2017 EF Spain. Kept progressing until becoming the Regional Marketing and Ambassador head of Navarre in 2016.

/ ACADEMIC BACKGROUND

>> University College London (UCL)

BSc Management Science | 2017 to 2020

- First Class Honours (1:1)
- Engineering Minor in Intelligent Systems and Cognitive Technologies (AI)
- Dissertation: Designing and Prototyping an operational efficiency automation tool for BlackRock's Platform Team
- [Modules and Programme Structure](#)

>> Harvard University

Summer Semester, GPA 4.0 | 2017

- Sustainable Product Design and the Innovation Ecosystem
- Financial Management of Nonprofit Organizations
- Completed a research project for Dr. Ramón Sánchez (Director of Sustainable Technologies and Health at Harvard)

>> San Fermin Ikastola

High Honours Scholarship, 9.5/10 (EvAU: 13.2/14) | 2015 to 2017