ALVARO ENRIQUE AGUIRRE MOYA

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Passionate about data, technology, and helping organizations use information to their advantage. LSE Postgraduate and former Amazonian. I have experience in the tech sector leading multinational Business Intelligence projects and diving deep into data, and in quantitative financial research. Incoming Associate Consultant at Bain & Company (January 2021).

Education

M.Sc. Econometrics and Mathematical Economics, *London School of Economics and Political Science* 2019 – 2020

- Graduated with Distinction
- Coursework: Econometric Analysis, Advanced Microeconomics, Advanced Macroeconomics, Computer Programming, Quantitative Methods for Finance, Chaos Theory, Applied Computational Finance

B.Sc. in Economics, *Universidad Carlos III de Madrid* 2013 – 2017

- Premio Extraordinario de Fin de Carrera / Top student in cohort – Grade 9.30/10

Visiting Undergraduate Student, *University of California, Berkeley* 2015 – 2016

- GPA: 4.0 (Top 1% of class)

Professional Experience

Quantitative Researcher – Systemic Risk Centre**,** London 2020

- Developed code in Julia, Python, R, and MATLAB for financial risk forecasting algorithms
- Created and organized teaching material in Jupyter Notebooks for LSE postgraduate courses
- Coded algorithms for the identification and trading of bubbles in the stock market

Project Management, Data – Amazon Kindle**,** Madrid 2017 – 2018

- Created internal tools for making data-driven decisions and negotiating with publishers.
- Developed an algorithm to detect fraud and abuse in Kindle Unlimited globally. Received an EU-wide award for this project, cutting costs by 33%. Algorithm adopted worldwide for regular quality controls.
- Owned KDP-EU Business Intelligence projects (Storyteller, Indie Month), and Kindle-FRITES/SSMS reporting.
- Organized and gave trainings on SQL programming, query design, and diving deep into data.

***Business Analyst Intern* – Neovantas Consulting,** Madrid 2017

- Built an Econometric model to measure the impact of training managers on sales for the largest Spanish bank.
- Elaborated presentations easy to understand for those without any Statistics background.

***Forum Vice-Chair* - Latin American Leadership Society at UC Berkeley,** Berkeley 2015 – 2016

- Organized forums and conferences on social innovation, entrepreneurship, and international trade
- Developed teamwork and planning abilities by being in charge of a committee

Extracurricular Activities and Masterclasses

***Member and Spanish Coordinator of Tech and IT* – NOVA Talent** 2016 – Present

***The Fourth Industrial Revolution: Innovation, Digitalisation & the future of work* – LSE** 2018

***Empirics of Management* – LSE (Fundación Rafael del Pino)** 2017

- Program tailored to Professors analyzing Management from an Economics perspective.

Certificate "Risk Management in Financial Markets" – INDEM 2016

Awards & Scholarships

Ramón Areces Scholarship – Full tuition and living costs covered for my M.Sc. at the LSE
Premio Extraordinario de Fin de Carrera – Grado en Economía UC3M, best academic record
Excellence Award – Universidad Carlos III de Madrid – Year 2017, Average grade: 9.9
Excellence Scholarship – Comunidad de Madrid – Year 2015/2016, Average grade: 9.9
Academic Excellence Award – Best academic record of the school, Colegio Champagnat

Computer Skills: Python, SQL, R, Julia, Matlab, HTML, CSS, VBA, STATA, Excel
Languages: Spanish (Native), English (Fluent)