Alvaro Aguirre

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Passionate about telling stories with data. 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.

EDUCATION

London School of Economics and Political Science — London, UK
M.Sc. Econometrics and Mathematical Economics, Distinction — *Aug. 2019 – June 2020*

Universidad Carlos III de Madrid — Madrid, Spain
B.Sc. Economics, summa cum laude — *Sep. 2013 – June 2017*

University of California, Berkeley — Berkeley, USA
Visiting student in Economics, GPA 4.0 — *Aug. 2015 – June 2016*

EXPERIENCE

Quantitative Researcher — June 2020 – Present
Systemic Risk Centre — *London, UK*
- Developed algorithms for the early identification and trading of financial bubbles in US stocks
- Constructed financial risk forecasting algorithms in R, Python, Julia and MATLAB
- Created and organized programming teaching material for LSE postgraduate courses

Project Management, Data — July 2017 – June 2018
Amazon Kindle — *Madrid, Spain*
- Created internal tools for making data-driven decisions
- Developed a fraud-detection algorithm that received an EU-wide for cost cutting, and was implemented globally for regular quality controls
- Owned KDP-EU Business Intelligence projects, and Kindle reporting
- Organized and gave trainings on SQL programming, query design, and diving deep into data

Business Analyst Intern — January 2017 – May 2017
Nevantas Consulting — *Madrid, Spain*
- Built an econometric model to measure the impact of training managers on sales of the largest Spanish bank
- Elaborated presentations easy to understand for people without a technical backgroun

Forum Vice-Chair — October 2015 – May 2016
Latin American Leadership Society — *Berkeley, USA*
- Organized forums and conferences on social innovation, entrepreneurship, and international trade
- Developed teamwork and planning abilities by being in charge of a committee

AWARDS AND SCHOLARSHIPS

Ramón Areces Scholarship | *Full tuition and living expenses for the M.Sc.* — Aug. 2019 – June 2020
Top student award for the class of 2017 - UC3M | *B.Sc. Economics* — Nov. 2017
Excellence Award - UC3M | *Grade: 9.9/10* — Sep. 2016 - June 2017
Excellence Scholarship - Community of Madrid | *Grade: 9.9/10* — Sep. 2016 - June 2017
Academic Excellence Award - Colegio Champagnat | *Top student in class of 2012* — Nov. 2012

TECHNICAL SKILLS

Programming Languages: R, Python, Julia, MATLAB, STATA, VBA, Bash, HTML, CSS
Human Languages: English (fluent), Spanish (native)