

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

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| London School of Economics and Political Science <i>M.Sc. Econometrics and Mathematical Economics, Distinction</i> | London, UK Aug. 2019 – June 2020 |
| Universidad Carlos III de Madrid <i>B.Sc. Economics, summa cum laude</i> | Madrid, Spain Sep. 2013 – June 2017 |
| University of California, Berkeley <i>Visiting student in Economics, GPA 4.0</i> | Berkeley, USA Aug. 2015 – June 2016 |

EXPERIENCE

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| Quantitative Researcher <i>Systemic Risk Centre</i> | June 2020 – December 2020 London, UK |
| <ul style="list-style-type: none">Programmed a Financial Engineering project simulating stochastic differential equations for asset pricingDeveloped algorithms for the early identification and trading of financial bubbles in US stocksConstructed financial risk forecasting algorithms in R, Python, Julia and MATLABCreated and organized programming teaching material for LSE postgraduate courses | |
| Project Management, Data <i>Amazon Kindle</i> | July 2017 – June 2018 Madrid, Spain |
| <ul style="list-style-type: none">Created internal tools for making data-driven decisionsDeveloped a fraud-detection algorithm that received an EU-wide award for cost cutting, and was implemented globally for regular quality controlsOwned KDP-EU Business Intelligence projects, and Kindle reportingOrganized and gave trainings on SQL programming, query design, and diving deep into data | |
| Business Analyst Intern <i>Nevantas Consulting</i> | January 2017 – May 2017 Madrid, Spain |
| <ul style="list-style-type: none">Built an econometric model to measure the impact of training managers on sales of the largest Spanish bankElaborated presentations easy to understand for people without a technical background | |
| Forum Vice-Chair <i>Latin American Leadership Society</i> | October 2015 – May 2016 Berkeley, USA |
| <ul style="list-style-type: none">Organized forums and conferences on social innovation, entrepreneurship, and international tradeDeveloped teamwork and planning abilities by being in charge of a committee | |

AWARDS AND SCHOLARSHIPS

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

TECHNICAL SKILLS

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