

Luis Jover

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Objective	To obtain a challenging Data Science position in a high quality company.	
Education	Georgia Institute of Technology Ph.D. Physics	Atlanta, GA 2010 - present
	<ul style="list-style-type: none">• Expected graduation: May 2016.• Thesis advisor: Prof. Joshua Weitz.• Thesis topic: Infection networks, life-history traits, and dynamics in complex host-phage systems.	
Experience	Universidad Simón Bolívar, B.A. Physics, <i>cum laude</i>	Caracas, Venezuela 2009
	Georgia Institute of Technology Graduate Research Assistant	Atlanta, GA 2011 - Present
	<ul style="list-style-type: none">• Studying dynamics and infection networks of complex host-virus systems. Created a novel model to estimate virus elemental composition from its size.• Visiting fellowship at the National Institute for Mathematical and Biological Synthesis.• Disseminated knowledge: 4 journal papers, 2 talks, 4 poster presentations, mentored Summer intern.	
	AT&T Big Data Intern	Plano, Texas June 2015 - August 2015
	<ul style="list-style-type: none">• Worked in the entire life-cycle of a project with a 4 MM valuation, which required data collection and cleaning. Deliverables from the project include:<ul style="list-style-type: none">• Web scraper to understand user sentiment and engagement with the product.• Insights from natural language processing on unstructured chat data.	
	Georgia Institute of Technology Graduate Teaching Assistant	Atlanta, GA 2010 - 2012
	<ul style="list-style-type: none">• Introductory Physics I (three semesters).• Mathematical models in biology.	
	Universidad Simón Bolívar Physics I Instructor	Caracas, Venezuela 2010
	<ul style="list-style-type: none">• Designed and instructed the class.	
Skills	Specialties: Interdisciplinary work (quantitative biology, theoretical ecology), data analysis and mathematical modeling in data-driven problems. Programming languages: MATLAB, Python, R, SQL. Selected Coursework: Machine learning, Data Mining, Statistical Methods. Languages: English, Spanish	
Selected Publications	LF Jover , C Effer, A Buchan, SW Wilhelm, JS Weitz, The elemental composition of virus particles: implications for marine biogeochemical cycles. Nature Reviews Microbiology 12.7 (2014): 519-528.	
	LF Jover , MH Cortez, JS Weitz, Mechanism of multi-strain coexistence in host-phage systems with nested infection networks, <i>Journal of Theoretical Biology</i> (2013).	