

## Christian Lezcano

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EDUCATION	<i>Ph.D. Candidate, Computer Science</i> <b>Polytechnic University of Catalonia</b> , Barcelona, Spain	<b>expected 2022</b>
	<i>M.S., Computer Science</i> <b>National University of Asuncion</b> , Paraguay	<b>Aug, 2012</b>
	<i>B.S., Computer Science Engineering</i> <b>National University of Asuncion</b> , Paraguay	<b>Aug, 2008</b>
PROFESSIONAL EXPERIENCE	<i>Full-Stack developer</i> <b>Software Natura</b>	<b>Dec, 2020 - present</b>
	<i>Digital marketing, side project</i> <b>@happy.nutric</b>	<b>Jan, 2021 - present</b>
	<i>Software engineer</i> <b>Ministry of Public Works and Communications</b> , Paraguay	<b>Jan - Jul, 2015</b>
	<i>C# developer</i> <b>Emtausa Co.</b> , Paraguay	<b>Jun, 2013 - Dec, 2014</b>
	<i>Java web developer</i> <b>Idtknology</b> , Paraguay	<b>Feb - May, 2013</b>
	<i>Internship, PHP web developer</i> <b>ABC Media Network</b> , N.Y. USA	<b>Oct - Dec, 2012</b>
	<i>Software developer</i> <b>National Computing Center</b> , Paraguay	<b>May, 2007 - Nov, 2009</b>
	<i>Technical consultant</i> <b>United Nations (FAO)</b> , Paraguay	<b>Dec, 2008 - Sep, 2009</b>
	<i>C# Software developer</i> <b>Tauro Co.</b> , Paraguay	<b>Mar - Aug, 2008</b>
	<i>Research intern</i> <b>National Computing Center</b> , Paraguay	<b>Apr - Jun, 2005</b>
PUBLICATIONS	<b>Lezcano, C.</b> and Arias, M. (2019b), "Synthetic dataset generation with itemset-based generative models", in <i>Proceedings of the 4th Workshop on Reliability and Security Data Analysis co-located with IEEE International Symposium on Software Reliability Engineering (ISSRE 2019)</i> , Berlin, Germany, October 28th, 2019.	

**Lezcano, C.** and Arias, M. (2019a), “Characterizing transactional databases for frequent itemset mining”, in *Proceedings of the 1st Workshop on Evaluation and Experimental Design in Data Mining and Machine Learning co-located with SIAM International Conference on Data Mining (SDM 2019)*, Calgary, Alberta, Canada, May 4th, 2019., pp. 44–53.

Colbes, J. D., Corona, R. I., **Lezcano, C.**, Rodríguez, D. O. and Brizuela, C. A. (2017), “Protein side-chain packing problem: is there still room for improvement?”, *Briefings in Bioinformatics* 18(6), 1033–1043.

Brizuela, C. A., Corona, R. I., **Lezcano, C.**, Rodríguez, D. O. and Colbes, J. D. (2015), “An experimental analysis of the performance of sidechain packing algorithms”, in *Genetic and Evolutionary Computation Conference, GECCO 2015*, Madrid, Spain, July 11-15, 2015, Companion Material Proceedings, pp. 929–933.

**Lezcano, C.**, Pinto, D. and Barán, B. (2008), “Team algorithms based on ant colony optimization - A new multi-objective optimization approach”, in *Parallel Problem Solving from Nature - PPSN X*, 10th International Conference Dortmund, Germany, September 13-17, 2008, Proceedings, pp. 773–783.

PAPERS IN  
PREPARATION  
TECHNOLOGIES

**Lezcano, C.** and Arias, M. Transactional Data Generation and Characterization.

Java, Python, PHP, C++, C#, SQL, Angular, Postgres.