

Valeria Lobos-Ossandón

Researcher and Data Scientist

About

Santiago
Chile.

vlobos@fen.uchile.cl
<https://vlobos-ossandon.github.io/>
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Languages

Native Spanish
Speaker.
Advanced English
written and oral.
Mandarin Chine &
Italian notions

Programming

Python, Java, Visual
Basic, C#, HTML.

Interests

I am specialized with data mining techniques and machine learning algorithms. The research topics with which I have worked on these issues are bibliometrics, Electronic Health Records, geocollaborative applications, crowdsourcing, web mining, and biometric data (eye-tracking electroencephalograms, and oximetry).

Education

2016	Diploma Software Engineering <i>Diploma at Computer Science Department.</i>	Universidad de Chile
2016	Diploma Python for Data Science <i>Standing 99% grade.</i>	Microsoft EDX
2016	Diploma Scientific and Technical Writing <i>"How to write a good scientific paper".</i>	Principiae & Universidad de Chile
2011-2016	B.Sc. Engineering in Information Systems and Management Control <i>Economy and Business Faculty, Universidad de Chile</i> <i>Graduated in the top-three in the class.</i>	
2006-2009	Diploma English Oral and Written Fluency <i>Graduated with honors.</i>	Instituto Chileno Norteamericano

Academic Experience

Autumn 2017	Web Intelligence Centre <i>Development of machine learning predictive models. Data mining techniques for E-health projects. Use of biometric data for predictive models.</i>	Researcher & Data Scientist
Autumn 2016	Business Intelligence Center <i>Development of machine learning predictive models. Development of text mining models for Spanish language text.</i>	Researcher & Data Scientist
Spring 2015	Investigation Department, Economy and Business Faculty, Universidad de Chile <i>Use of bibliometric tools for reviewing academic's faculty performance.</i>	Research Assistant
Spring 2014	Control Management and Information Systems Department, Universidad de Chile <i>Bibliometrics studies.</i>	Research Assistant

Teaching Experience

2017	Web Intelligence <i>Teacher assistant.</i>	Industrial Engineering Department. Universidad de Chile.
2013-2015	Algorithms and Programming <i>Teacher assistant. Visual Basic expertise</i>	Information Systems Department. Universidad de Chile.
2014-2015	Databases <i>Teacher assistant. SQL expertise.</i>	Information Systems Department. Universidad de Chile.
2014	Technology and Information Systems <i>Teacher assistant. SQL expertise.</i>	Information Systems Department. Universidad de Chile.

Publications

2016	Computer Science Research in Artificial Intelligence J.M. Merigó, G. Zurita, V. Lobos-Ossandón	WCE 2016. London, UK
2016	A Bibliometric Analysis of Journals in Educational Research J.M. Merigó, G. Zurita, V. Lobos-Ossandón	WCE 2016. London, UK
2017	A Real-Time Risk of Death Predictive Model in an Elderly Latin American Population B. Harnecker, V. Lobos-Ossandón, E. Tobar, J. D. Velásquez.	Working Paper
2017	Predicting Cardiovascular Risk: A Combination of Nocturnal Oximetry and Framingham Index Variables M. Hernández, V. Lobos-Ossandón, I. Díaz, R. Ruiz, J. Carrillo, J. D. Velásquez.	Working Paper
2017	An Overview of the Most Cited Papers in Computer Science G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	A Bibliometric Overview of Computer Science Journals G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	Bibliometrics in Computer Science: An Institution Analysis G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	Influential Journals in Educational Research: A Bibliometric Overview G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	A Bibliometric Analysis of Highly Cited Articles in Educational Research G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	A Bibliometric Overview of the First Ten Years of the IEEE Transactions on Learning Technologies G. Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	Working Paper
2017	The Gender Gap: Evidence from Eye-Tracker V. Lobos-Ossandón, J.D. Velásquez.	Work in Progress

2017	Leading Countries in Computer Science: A Bibliometric Overview	Work in Progress
	G.Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	
2017	Academic Research in Engineering: A Journal Analysis	Work in Progress
	G.Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	
2017	Most Cited Papers in Engineering: A Citation Analysis	Work in Progress
	G.Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	
2017	Most Productive Universities in Academic Research in Engineering	Work in Progress
	G.Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	
2017	Leading Countries in Engineering Research: A Bibliometric Overview	
	Work in Progress	
	G.Zurita, J.M. Merigó, V. Lobos-Ossandón, C. Mulet-Forteza.	
2017	Applied Mathematical Modelling	Work in Progress
	ACTUALIZAR	
2017	Fuzzy Sets and Systems	Work in Progress
	ACTUALIZAR	
2017	Materials & Design	Work in Progress
	ACTUALIZAR	
2017	The Gender Gap: Evidence from the Use of Eye-Tracker and EEG	Presentation
	tation	
	"First place winner of "Women's Day in Computing", organized by Association for Computing Machinery (ACM), in conjunction with the University of Chile and Pontificia of the Catholic University. He presented a study called "The Gender Difference: Evidence from the Use of Eye-Tracker and EEG", which studies eye movements and brain electrical potentials to differentiate the gender of website users."	
2016	Undiscovering Chilean Politicians: Evidence from Text Mining	Presentation
	"Speaker at "Women's Day in Computing", organized by the Association for Computing Machinery (ACM), in conjunction with the University of Chile and the Pontifical University of the Catholic University. He presented a study called "Big Data: Unmasking Chilean Politicians", which used Text Mining techniques to process more than five million news items from 25 national newspapers."	