Mauricio Vargas

Curriculum Vitae

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About me

I'm a Business Administration student with a strong background and interest in Statistics. I am sure that statistics has a tremendous potential in the Social Sciences and Business. I play rugby, I love yoga and I like teamwork as well as learning from others. Anything that requires to take raw data and transform it into analytic data that shows brief and accurate information is of my interest.

Education

2015 · **Minor of Trade Policy**, Universidad de Chile - World Trade Organization, Institute for International Studies.

2008 - 2015 · **Double Bachelor of Economics and Business Administration**, Universidad de Chile, Faculty of Economics and Business.

Professional Experience

Aug 2015 – Dec 2015 · **Intern**, Trade Commission, Embassy of Chile in China.
Preparing reports and presentations on international trade, exports promotion, WTO-compatible policy instruments, chilean FTA experience and projection, China and Chile legal environment and inbound and outbound investments into Latin America.

Dec 2014 – Feb 2015 · **Intern**, Fundación SOL.
Getting and cleaning data, developing web resources (charts and tables), summarising statistics, creating infographics for social networks, intensive use of R and LaTeX.

Mar 2014 – Dec 2014 · **Research Assistant**, Universidad de Chile, Faculty of Economics and Business.
Working with ImageJ and R for data analysis.

Mar 2014 – Jul 2014 · **Marketing Consultant**, Fundación Mi Parque.
Data mining using Twitter API.

Teaching Assistant Experience

Semestral Courses, Universidad Nacional Andrés Bello

Mar 2014 – Jul 2014 · **Biostatistics**, Faculty of Health Sciences.
Applied Statistics, Faculty of Health Sciences.
Algebra, Faculty of Exact Sciences.

Aug 2013 – Dec 2013 · **Advanced Microeconomics**, Faculty of Economics and Business.
Linear Algebra, Faculty of Exact Sciences.

Mar 2013 – Jul 2013 · **Algebra**, Faculty of Exact Sciences.
Calculus II, Faculty of Engineering.

Aug 2012 – Dec 2012 **Linear Algebra**, Faculty of Exact Sciences.

Linear Algebra, Faculty of Engineering.

Ordinary Differential Equations, Faculty of Engineering.

Mar 2012 – Jul 2012 **Linear Algebra**, Faculty of Engineering.

Multivariable Calculus, Faculty of Engineering.

Semestral Courses, Universidad de Chile

Aug 2012 – Dec 2012 **Introduction to Microeconomics**, Faculty of Economics and Business.

Trimestral Courses, Universidad Nacional Andrés Bello

Sep 2013 – Nov 2013 **Mathematics I**, Faculty of Engineering, Evening Degree Completion Program.

Jun 2013 – Aug 2013 **Mathematics I**, Faculty of Engineering, Evening Degree Completion Program.

Mar 2013 – May 2013 **Mathematics I**, Faculty of Engineering, Evening Degree Completion Program.

Trimestral Courses, Universidad Técnica Federico Santa María

Mar 2012 – May 2012 **Linear Algebra**, Faculty of Engineering, Evening Degree Completion Program.

Short Courses, Universidad de Chile

Jan 2013 – Feb 2013 **Introduction to Economics**, Summer School.

Jun 2013 **Probability and Statistics**, Center for Mathematical Modelling, Training Program for High School Teachers.

Courses, Conferences and Seminars

June 2015 **Practical Machine Learning**, Coursera.org.
Verify at coursera.org/verify/S3CVY3HF4S.

May 2015 **Developing Data Products**, Coursera.org.
Verify at coursera.org/verify/A5HQBST9W8.

April 2015 **Regression Models**, Coursera.org.
Verify at coursera.org/verify/F6E2MMNBWW.

March 2015 **Statistical Inference**, Coursera.org.
Verify at coursera.org/verify/7LXMT8XKRY.

November 2014 **Reproducible Research**, Coursera.org.
Verify at coursera.org/verify/H728CWA4MX.

October 2014 **Exploratory Data Analysis**, Coursera.org.
Verify at coursera.org/verify/699E7E2A98.

September 2014 **Getting and Cleaning Data**, Coursera.org.
Verify at coursera.org/verify/UKSRGWJTTR.

August 2014 **R Programming**, Coursera.org.
Verify at coursera.org/verify/CNG24S6QAF.

July 2014	**The Data Scientist's Toolbox**, Coursera.org.
	Verify at coursera.org/verify/A4DXE6H89H.
Aug 2010 – Dec 2010	**Mathematical Methods for Economists**, Universidad de Chile, Faculty of Economics and Business.
July 2010	**Winter School in Continuous Optimization**, Universidad de Chile.
Mar 2010 – Jul 2010	**Optimization**, Universidad de Chile, Faculty of Physical and Mathematical Sciences.

Computer Skills

OS	Mac, Windows	Office	Word, Excel, Power Point
Statistics	SPSS, AMOS, Stata, R	Typography	LaTeX
Programming	R	IDEs	Eclipse, RStudio
Database	Access	Graphics	Inkscape, Photoshop
APIs	Twitter	Revision Control	Git
Web	CSS, HTML5, JavaScript		

Volunteering

2008 – 2014	**Volunteer**, Chilean Students Union FECh.
	I've served mostly as an ordinary volunteer, as District Chair in humanitarian aid delivery after 2010's earthquake and as Co-Chair at Digital Literacy Area during 2011. Several locations working: Santiago, Putaendo, Villaseca, Lolol, Paredones, Retiro and Villaseca.

References

Gonzalo Durán, MSc.
Researcher at Fundación SOL. E-Mail: giduran@puc.cl.

Jorge Heine, PhD.
Ambassador of Chile to China. E-Mail: jheine@echilecn.com.

Edgar Kausel, PhD.
Assistant Professor at Universidad de Chile. E-Mail: ekausel@unegocios.cl.

Pierre Paul Romagnoli, PhD.
Chair at Universidad Andrés Bello Department of Mathematics. E-Mail: promagnoli@unab.cl.

José Saavedra-Rosas, PhD.
Lecturer at Curtin University School of Mining. E-Mail: j.saavedra@curtin.edu.au.