

# FERNANDO VÉLIZ

## PERSONAL INFO

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- Marital status: single
- Birth date: May 6th, 1986
- Birth place: Buenos Aires, Argentina
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## EDUCATION

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- **University of Buenos Aires, Master in Data Mining and Knowledge Discovery (currently studying)** **2018 – 2020**
- University of Buenos Aires, B. Ed in Sociology **2017 – 2018**
- University of Buenos Aires, BS in Economics (unfinished) **2012 – 2015**
  - Average mark: 8/10
  - 19 courses approved, including Statistics I and II, and Math for Economists
  - Certificate of General University Studies in Economics
- **University of Buenos Aires, BA in Sociology** **2005 – 2011**
  - **Average mark: 7,72/10**
- E. T. Nº 3: María Sánchez de Thompson, Computer Technician (Secondary studies) **1999 – 2004**
  - Average mark: 8/10

## WORK EXPERIENCE

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- **Prisma Medios de Pago SA** **Apr 2018 – Now**
  - ✓ **Development of predictive models with machine learning in R and Python for the financial industry.**  
**Together with my team, we developed, amongst others:**
    - **Models for credit cards and debit cards fraud detection**
    - **Model for credit card default detection**
    - **Churn model for prediction of businesses that will stop operating with our acquiring business.**
  - ✓ **Dashboard building**
  - ✓ **Training of several areas of the company regarding big data and machine learning. Models presentation for non-specialized audiences.**
- **Groupon Argentina** **Sep 2015 – March 2018**
  - ✓ **Business Intelligence analyst: design, administration and analysis of reports for Planning – Local and Goods lines of business. Database processing with Teradata and report automation with VBA for Excel, IMacros and Pentaho.**  
**Achievements:**
    - **Development of tools for controlling available and real stocks, for the whole warehouse and for pickups.**
    - **Development of tools for automation of the uploading of contracts in Salesforce.**
    - **Enhancement of processes in all areas of Goods line of business: logistics, comercial, planning, operations and pickup points.**
- **RS Contact SRL** **Jun 2013 – Ago 2015**
  - ✓ **Reporting Analyst: data processing with Access and Excel (with macros programming in VBA) and reporting for several companies of the automotive industry (Citroën, Volkswagen, Iveco, Honda, ADEFA), regarding its evolution, the development of new products, analysis of the competition, etc.**
  - ✓ **Data processing with SPSS and reporting for the market investigation area.**
- **Analogías SRL - Investigación y Desarrollo** **Jan 2013 – Ago 2013**
  - ✓ **Quantitative analyst: field coordination, data processing with SPSS and Excel and reporting in PowerPoint. Experience in political, socio-demographic and market surveys.**

- National Protection and Social Security Survey (ENAPROSS), from the National Work Ministry, performed by OPSM consulting agency.  
✓ Survey taker, survey receptionist and survey editor May 2011- Oct 2011
- “More and Better Jobs for Young People” program (“Jóvenes con Más y Mejor Trabajo”) from the Ministry of Work, Employment and Social Security – Workshops: “Introduction to the Work environment” and “Competences for the Employability”. Ref.: Lic. Diego Gómez – TE: 15-5656-8003 Ago 2010 – Jul 2011  
✓ Workshop teacher
- CENS Nº 455, Los Troncos, Tigre Ago 2009 – Ago 2012  
✓ Teacher in Literature and Social Sciences, secondary level
- Personal lessons of English and Social Sciences Ago 2008 – Dic 2015

## ACADEMIC EXPERIENCE

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- Paper presentation: “The role of the State in the development of the Automotive Industry. An analysis of the Argentine case for the 1958-1983 period” in the VII Conference of Economics Social Studies, IDAES - University of San Martin Sep 2012
- Participation in the research group “Social change workshop”, tutored by the Lic. Juan Carlos Marín  
✓ Survey taker, data processing, data analysis Jul 2010 – Dec 2010

## LANGUAGES

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- ENGLISH
  - ✓ Certificate of Proficiency in English (CPE) – University of Cambridge 2004
  - ✓ Certificate in Advanced English (CAE) – University of Cambridge 2003
  - ✓ Certificate in English (FCE) – University of Cambridge 2002
  - ✓ Cultural Inglesa de Buenos Aires, 6º año aprobado 2001
- FRENCH
  - ✓ Centro Universitario de Idiomas (UBA), nivel 7 aprobado 2010

## IT

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- Programming: **R**, **Python**, Visual Basic for Applications, IMacros, Javascript, QGIS
- Database: SQL (**Teradata**, MySQL, Access), NoSQL (MongoDB), SPSS
- BI and ETL: Tableau, Pentaho, SQL Server Data Tools, Microstrategy
- CRM: Salesforce

## COURSES

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- Python for Data Science (online course), University of San Diego Ene 2019 – Abr 2019
- Introduction to Data Mining, FSOC – UBA Sep 2017 – Oct 2017
- Advanced SQL, MongoDB and JQuery, CodeSchool.com Abr 2017
- International course “Latin America: citizenship, rights and equality”, CLACSO/FLACSO/UMET Mar 2016 – Nov 2016
- Quantitative data analysis (SPSS), CEMET Sep 2010 – Nov 2010