

Nicolás Varaschin

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Work Experience

May 2020 - **Lead Data Scientist, IT Crowd.**

- Present
 - Lead Data Scientist in charge of designing and implementing models, data analysis and work new solutions directly with clients.
 - Recommendation systems, NLP, classification
 - End to end development from data extraction to modelling to deploying in production

October 2018 **Data Scientist, Grandata.**

- May 2020
 - Analyze large amounts of mobility and telco datasets using Spark.
 - Use of data analysis and statistical techniques to generate insights for potential and current clients. Some of the insights helped to close deals with three new clients.
 - Design, develop and evaluation of machine learning models applied to several fields like real state and banking acquisitions.
 - Data visualization and custom dashboard developing to help business decisions. Mainly made in Python and JavaScript.

October 2017 **Research and Development, Keepcon.**

- October 2018
 - Research and Development over Artificial Intelligence focused on Natural Language Processing.
 - Domain data exploration and developing visualization tools.
 - Bringing results to production from back-end to front-end.
 - Developing of discovery processes for relevant topics/phrases and text summarization on large datasets made of informal text.

March 2016 - **Fullstack Engineer, Ministry of Health - Buenos Aires Government.**

- October 2017
 - Working on systems for public hospitals. The main objective is to centralize all the available data to be used easily by health professionals.
 - In charge of two subprojects part of the most important project, Digital Clinical History. The scope includes all public hospitals and patients of Buenos Aires.
 - The projects involve modeling tables for possibly large datasets, backend and frontend work.

January 2015 **Software Engineer Intern, Google Inc - MTV, California.**

- April 2015
 - Intern for an Android Image Processing team.
 - Implementation of a feature in a client-facing app, the project involved Python, Java, C++, Google's technologies and infrastructure.
 - It was a research internship on the feasibility of a segmentation algorithm applied to a very small set of images.

January 2014 **Software Engineer Intern, Google Inc - MTV, California.**

- April 2014
 - Intern for a Linux Kernel Testing team.
 - Implementation of an internal tool, the project involved Python, Javascript and Google's technologies and infrastructure.
 - The tool gathered data from several sources, processed them for visualization and I added some statistical tests that helped the team interpret the results.

Education

2008–2016 **MS in Computer Science**, *University of Buenos Aires - FCEN, Buenos Aires, GPA: 8.05/10.*
Thesis: An exploratory and statistical study on Computer Science students of FCEN-UBA (2016).

Skills

Advanced Python, Machine Learning
Intermediate Spark, Deep Learning, Statistics
Basic Information Security

Other Activities

- 1st place in Machine learning competition "Predicción de Ventas Estacionales" (price prediction)
- 4th place on public leaderboard in Kaggle competition "Dataton - Banco Galicia" (acquisition model)
- 18th place in Kaggle competition "Predicción de variaciones de parámetros de salud infantil en Argentina"

Other

Nationality, *Italian - Argentinean.*

2014 **TIC Scholarship**, *Scholarship program for students who are finishing Computer Science career.*

National Agency for Scientific and Technological Promotion (ANPCyT) through the Fund for Scientific and Technological Research (FONCyT).

Links

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Github github.com/nicovaras