PATRICIO VILLANUEVA

ACTUARY / DATA SCIENTIST

ABOUT ME

Age: 25 (Jan 03 1996)

Citizenship: Argentine and Italian.

 https://github.com/pato0301

CONTACT ME AT

 patricio0301@gmail.com

 https://www.linkedin.com/in/patricio-villanueva/?locale=en_US

 Via Luigi Mercantini 2, Milan, Italy

 +39 389 0965740

 www.patriciovillanueva.com

SKILLS

- Coding language: Python, SQL, JavaScript, C++ and VBA
- SQL Databases (PostgreSQL, MySQL, MSSQL, Maria db) & Non-SQL Databases (Mongo db)
- Dashboard Tools: Power BI & Tableau
- ETL, Git, Jupyter Notebook, SPSS Microsoft Office, Node JS, Flask, Django, React, ML Libraries (eg. sckit-learn ,numpy, pandas, XGBoost, Seaborn, TensorFlow, PySpark), Linux, AWS SageMaker, AWS API GateWay & AWS Lambda
- Pentaho Data Integration, Docker & Prophet

LANGUAGES

 English (Cambridge Advanced Exam, Cambridge)

 French (DELF B1 certificate)

 Italian.

 Spanish (Native)

 Knowledge of Latin.

WORK EXPERIENCE

Data Scientist, Alten

Milan, Italy | Feb 2021 - Jun 2021

- I developed Tableau dashboard for the EMEA Marketing team.
- ETL Pipeline from SaleForce
- Ad-Hoc Analysis for the EMEA Team.

Data Scientist, Digital House

Buenos Aires, Argentina | Sept 2019 - Dec 2020

- Direct Report to the C-Level.
- In charge of the creation of a data lake and a data warehouse for all the flows of information (CRM, APIs, Internal systems).
- Ad-Hoc analysis with the purpose of generating business insights and KPIs for the new business.
- Working with the product team performing analysis and helping to improve the product.
- Automation of processes and reporting.
- Building Machine Learning models and deploying them through microservices using Flask and Docker.

Freelance Data Scientist

Buenos Aires | Jan 2019 - Aug 2019

- Data cleaning and product analysis for different customers.
- Dashboards development with the main KPI's of the business.

Jr Actuary, MetLife Argetina

Buenos Aires | Sept 2017 - Dec 2018

- Global Actuarial Modeling team and financial projections for LATAM region, where I developed complex statistical models.
- Performance projections of the products in each country belonging to the region.

Cook I, Deer Valley Resort

Park City, Utah, USA | Dec 2016 - March 2017

- Work and Travel Program

Lift Attendant, Wisp Resort

Mchenry, Maryland, USA | Dec 2015 - March 2016

- Work and Travel Program

Internship at the Engineering Faculty's lab, UBA, 2013.
Internship in Computer Science at the Faculty of Science's lab, UBA, 2013.

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- Knowledge of Latin.

EDUCATIONAL HISTORY

MSc. & BSc. in Actuarial Science
Universidad del Salvador, Argentina | March 2014 - April 2018

- Minor in Finances
- Award-winning thesis involved studying the European regulation for the financial and insurance industry and how could it be applied in Argentina.

Machine learning Engineer
Udacity | Jan 2021 - March 2021

- Building and deploying machine learning models using AWS SageMaker, Lambda, API Gateway, Cloud Watch & S3

Deep Learning Specialization
Coursera, deeplearning.ai | Aug 2020

- Course on Deep Learning and Neural Networks

CS50 Intro to Artificial Intelligence
Harvard University | April 2020 - July 2020

- Course on different algorithms for ML and AI

CS50 Course
Harvard University | Nov 2019 - March 2020

- Course on the fundaments of Computer Science
- Final Project a Flask Web Application

Full Stack Web
Digital House, Argentina | Apr 2020 - Sep 2020

- Course on Web development with Node js
- Express
- MySQL
- React

AWS Cloud Architect
Digital House, Argentina | Sept 2019 - Dec 2019

- Course on AWS Architectures and tools for ML

Data Science
Digital House, Argentina | Feb 2018 - Aug 2018

- Course on Data Science with Python
- Cleaning, processing and analysis of Data
- ML libraries
- Supervised and Unsupervised learning and NLP
- Final project: clustering comments on the Facebook page of the Buenos Aires City government on the different branches of the government, such as Health, Environment, Education, etc