



## ABOUT ME

Age: 25 (Jan 03 1996)

Citizenship: Argentine and Italian.



<https://github.com/pato0301>

## CONTACT ME AT



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[https://www.linkedin.com/in/patricio-villanueva/?locale=en\\_US](https://www.linkedin.com/in/patricio-villanueva/?locale=en_US)



Via Luigi Mercantini 2, Milan, Italy



+39 389 0965740

## SKILLS

Coding language: Python, SQL, JavaScript, C++ and VBA

Dashboard Tools: Power BI, Tableau

Postgresql, ETL, Git, Jupyter Notebook, SPSS, Microsoft Office, Node JS, Flask, Django, React, ML Libraries (eg. sklearn, 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, CLE CIL certificate)



Italian.



Spanish (Native)



Knowledge of Latin.

# PATRICIO VILLANUEVA

## ACTUARY / DATA SCIENTIST

### WORK EXPERIENCE

#### Data Scientist, Alten

Milan, Italy | Feb 2021 - Jun 2021

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

#### Data Scientist, Digital House

Buenos Aires, Argentina | Sept 2019 - Dec 2020

- 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.
- 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 Argentina

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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## EDUCATIONAL HISTORY

### University of Salvador

MSc & BSc. in Actuarial Science | 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.

### Udacity

Machine learning Engineer | Jan 2021 - March 2021

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

### Coursera, deeplearning.ai

Deep Learning Specialization | Aug 2020

- Course on Deep Learning and Neural Networks

### Harvard University

CS50 Intro to Artificial Intelligence | April 2020 - July 2020

- Course on different algorithms for ML and AI

### Harvard University

CS50 Course | Nov 2019 - March 2020

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

### Digital House

Full Stack Web | Apr 2020 - Sep 2020

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

### Digital House

AWS Cloud Architect | Sept 2019 - Dec 2019

- Course on AWS Architectures and tools for ML

### Digital House

Data Science | 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