

RICCARDO ESCLAPON

I am an aspiring data scientist with a small obsession for the R programming language and anything relating to automation. I am also interested in cryptocurrencies and blockchain technologies because they could help us get to a slightly more fair vision of the world by allowing for automation of decisions that we traditionally would not want to trust a computer with, assuming it doesn't bring us in the opposite direction and into 1984.



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EDUCATION

2024
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2020

Master's in Data Science **Denver University**

 Denver, CO

- Online part time program. Master's in Data Science at the Ritchie School of Engineering and Computer Science.

2018
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2014

Bachelor of Science in Business Administration **University of Colorado Boulder**

 Boulder, CO

- Bachelor of Science in Business Administration with an emphasis in Information Management. Relevant courses included Business Analytics, which I then went on to TA for the next semester. Customer Analytics, Business App Programming, Business Data Management, Marketing Research & Analytics, Business Technologies, Senior Seminar in Management.

POSITIONS

2020
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2019

Strategic Pricing Developer **Vail Resorts**

 Broomfield, CO

- Part-time role through the Pricing Analytics team, where I improved upon the automation I created for a project as an intern. The project involved around 60 hours of work.

2019

Guest Retention Analyst **Vail Resorts**

 Broomfield, CO

- Maintained a reporting suite leveraging Alteryx and Tableau to produce automated high-visibility reports on a daily basis and worked cross-functionally with other teams to provide support on business critical questions. I was in charge of managing the Alteryx Server environment for my department and daily runs of workflows that built datasets and dashboards to support decisions by the EC. I was also an administrator on the Tableau Online environment and I helped manage it.

2017
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2016

Undergraduate Teaching Assistant, Business Analytics **University of Colorado Boulder**

 Boulder, CO

- TA for Business Analytics (MGMT3200) which taught predictive analytics through the use of Alteryx, DataRobot and Kaggle competitions.

CONTACT

 ricky.esclapon@du.edu

 predictcrypto.org/tutorials

 resclapon.com

 github.com/ries9112

LANGUAGE SKILLS

R

Alteryx

SQL

Python

Made w/ [pagedown](#).

Original source code:
github.com/nstrayer/cv.

This resume was created by
forking [Nick Strayer's](#) repository

Last updated on 2020-02-29.

INDEPENDENT PROJECTS

2020
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2018

Founder

PredictCrypto.com

 Boulder, CO

- Ongoing independent project where I look at the drivers of cryptocurrency price changes and test different trading strategies. The point of the project is to boost my own learning by exploring interesting topics and tools in data science, by creating tutorials that teach people programming. What's unique about my tutorials however, is that they are designed to use data that is never more than 1 hour old, and to provide interesting tutorials that also happen to create semi-live predictive models that could actually be used to make trades on the cryptocurrency markets. In fact, I currently use these completely automated systems to perform trades, and I currently have the capability of having automated trading systems run for 4 separate exchanges at once using 4 different XGBoost models. I have outlined this entire process step by step in an Alteryx Use Case that was approved and published: <https://community.alteryx.com/t5/Alteryx-Use-Cases/Predicting-and-Trading-on-the-Cryptocurrency-Markets-using/ta-p/494058>

LEARNING CERTIFICATES

2019

Alteryx Core Certified

Alteryx

- Issued in June 2019, expires June 2021
- https://s3.us-east-2.amazonaws.com/ayx.certificates/20190606_AlterxDesignerCore0TPR9keVR1T2E1VapHboVdW1201kMilnVt9UesdIW6x0

2018

Working with the RStudio IDE (Part 2)

DataCamp

 Online

- Certificate #7,118,617 issued December 2018
- <https://www.datacamp.com/statement-of-accomplishment/course/5e0f61d19c3c888ed36d09ef2267517736ae868f>

2018

Working with the RStudio IDE (Part 1)

DataCamp

 Online

- Certificate #7,799,897 issued December 2018
- <https://www.datacamp.com/statement-of-accomplishment/course/3c95521dc5bf98554697b5234c703e65ed4bdf61>

2018

R Shiny Flex Dashboard Interactive Data Visualization

Udemy

 Online

- Certificate ID UC-G1E7HC5F issued August 2018
- <https://www.udemy.com/certificate/UC-G1E7HC5F/>

2018	Blockchain A-Z Udemy <ul style="list-style-type: none"> • Certificate ID UC-SO91A2XD issued June 2018 • http://ude.my/UC-SO91A2XD 	📍 Online
2017	Machine Learning A-Z: Hands-On Python & R In Data Science Udemy <ul style="list-style-type: none"> • Certificate ID UC-UBPZ637H issued June 2017 • http://ude.my/UC-UBPZ637H 	📍 Online
2017	Intermediate Python for Data Science DataCamp <ul style="list-style-type: none"> • Certificate #3,051,631 issued June 2017 • https://www.datacamp.com/statement-of-accomplishment/course/97ef1e53b7a8d60f4c0a5263f4f094d016d8b1ed 	📍 Online
2017	Intermediate R DataCamp <ul style="list-style-type: none"> • Certificate #2,609,639 issued June 2017 • https://www.datacamp.com/statement-of-accomplishment/course/5ed56387784f8d499de8c58bdc309dfa1c9045b8 	📍 Online
2017	Python Data Science Toolbox (Part 1) DataCamp <ul style="list-style-type: none"> • Certificate #3,447,786 issued June 2017 • https://www.datacamp.com/statement-of-accomplishment/course/1056505e56d20a4a72c313073b6ed06f04ddcae7 	📍 Online
2017	Tableau 10 A-Z: Hands-On Tableau Training For Data Science Udemy <ul style="list-style-type: none"> • Certificate ID UC-D3ATSYAN issued June 2017 • http://ude.my/UC-D3ATSYAN 	📍 Online
2017	Intro to Python for Data Science DataCamp <ul style="list-style-type: none"> • Certificate #3,036,356 issued May 2017 • https://www.datacamp.com/statement-of-accomplishment/course/6f7f9ba99084b931693caf2040aca12dd7a6a2e0 	📍 Online
2017	Introduction to R DataCamp <ul style="list-style-type: none"> • Certificate #2,100,095 issued April 2017 • https://www.datacamp.com/statement-of-accomplishment/course/3b0b33eecbdd6d767b67ef83c55a01bd88ee86f0 	📍 Online