

ALEX AMAGUAYA

I'm a professional with experience in data analytics and I have been part of multidisciplinary groups in several research projects and competitions. In addition, I have knowledges about **Social Networks, Econometrics, Time Series, Text Mining, Machine and Deep Learning**.

EDUCATION

2019

- **Polytechnic College of Litoral (ESPOL)**
B.S. in Economics 📍 Guayaquil, Ecuador

Thesis: My dissertation analyzed the efficiency of Adversiting Spending using Dorfman-Steiner Condition, and it's relateded with many Twitter indicators like number of retweets, likes and a sentiment metric. Sentiment Metrics was estimated using a machine learning algorithm using text data.

RESEARCH EXPERIENCE

Dec. 2019
|
Aug. 2020

- **Research Assistant**
Economic Research Center (CIEC) 📍 Guayaquil, Ecuador
 - Analyzed information about R+D+i of ESPOL, such as scientific production, research projects, entrepreneurship in most recent graduates.
 - Evaluated the effect of ESPOL on its suppliers posing a hypothetical situation (comparing what would have happened if they had not become suppliers versus if they become)

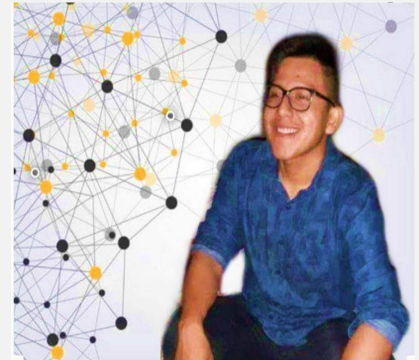
Apr. 2017
|
Sep. 2017

- **Teaching Assistant**
ESPOL 📍 Guayaquil, Ecuador
 - Microeconomics II. Intermediate Microeconomics.

PROFESSIONAL EXPERIENCE

Feb. 2018
|
Apr. 2018

- **Data Analyst, internship**
Induglobal S.A 📍 Guayaquil, Ecuador
 - Participated in a marketing campaign on social media, which achieved a 150% increase of the number of followers on Facebook and Instagram pages.
 - Proposed new business strategies for the electric motorcycle line with the aim of increasing sales volume.
 - Analyzed text information generated by the marketing campaign.



CONTACT INFO

✉ aamaguay@espol.edu.ec
🐙 github.com/aamaguay
🐦 twitter.com/Alex_Amaguaya
in [linkedin.com/Alex Amaguaya](https://linkedin.com/Alex_Amaguaya)
☎ +593 9 67865439

For more information, please contact me via email.

SKILLS

High research experience with **Applied Microeconomics, Econometrics, Time Series**.

Skilled using R, SQL, Python Stata and Gephi.

Experience working with **machine learning techniques**.

INTERESTS

Applied Microeconomics

Behavioral Economics

Machine Learning



PUBLICATIONS

2020

- **Efficiency of advertising spending analyzed through data on Twitter for companies in the commerce sector in the period 2018.**

Campuzano J, Amaguaya A, Cajape J.

[Available here.](#)

2019

- **Network of shared administrators and their relationship with financial performance in Ecuadorian companies. What is the effect of human sharing?**

Vaca C, Amaguaya A, Lua F.

[Available here.](#)



AWARDS

2018

- **First place in the Datajam hackathon: Dashboard Challenge.**

Used an **Arch Model** to predict the behavior of calls per hour and a **Logit Model** to predict if a call presents an anomaly.

2019

- **First place in the 3rd Scientific Research Contest organized by the Superintendency of Companies, Securities and Insurance.**

Analyzed the efficiency of Adversiting Spending using Dorfman-Steiner Condition and Twitter Data.



CONGRESSES AND ADDITIONAL COURSES

- Staff in XXIII LACEA LAMES Annual Meeting 2018
- FLISOL 2020, the largest Free Software dissemination event in Latin America.
- Machine learning Course (Coursera, Free version)
- Data Analyst with python (Datacamp, Advance: 100%)
- Data Scientist with python (Datacamp, Advancement: 80%)
- Introduction to Tableau (Datacamp, Preview: 100%)
- Big Data Itinerary: *Exploratory Data Analysis, Data Mining and Big Data Applications* (ESPOL, FIEC)
- Intermediate Relational Database and SQL (Coursera, Progress: 100%)
- Manipulating Data with SQL (Coursera, Progress: 100%)
- SQL for Data Science (Coursera, Progress: 100%)
- Power BI essential (LinkedIn Learning, Progress: 100%)

This resume was made with the R package [pagedown](#).

Last updated on 2020-11-11.