Luis Vargas

Software Developer and Data Analyst

Summary

Hard-working software developer and statistician, that excels at creating elegant and efficient solutions. Developed cross platform applications with angular and react. Created a web-scrapper desktop application, an econometric rental analysis tool, and pdf generator using python. Passionate about Big-data, software architecture, machine learning, and cloud computing. Regular attendee of case-competitions and hackathons.

Experience

2019-01 - present

Mobile Application Developer

Start up

- Connected app with Social Network APIs including Google, Facebook and Twitter
- Utilize Firebase noSQL, and SQL Databases
- Deployed cloud functions to manage and update notifications in real time
- Integrated payment service providers such as Stripe, and Moneris
- Developer lead

2019-09 - 2020-03

Software Developer

Almega Co (Property Management)

- Created and managed the data acquisition tools
- Employed econometric and statistical tools to extract insights from data sets
- Created and maintained database management systems
- Decreased operating costs by automating rental analysis
- Created a new revenue stream while decreasing monthly costs by at least $3,000

2018-05 - 2018-12

Software Developer Intern

Royal York Property Management

- Created cloud application(s) that increased performance
- Decreased operating costs by automating lead generation
- Utilized Google's API to make data collection 10 times more efficient
- Facilitated data look up and analysis by directly writing to google sheets

Education

2015-08 - 2020-11

University of Toronto St George Campus

B.Sc double major in Economics and Statistics
Background in Computer Science and Game theory.

2019-08 - present

Tableau Certification

- Connect Tableau to a Variety of Datasets
- Analyze, Blend, Join, and Calculate Data
- Visualize Data in the Form of Various Charts, Plots, and Maps

Conferences

2018-09	Grow Up Cannabis Hackathon
2019-07	Big DATA Corp
2019-07	AI Toronto Corp

Personal Info

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vargasluis012@gmail.com

Date of birth
1997-01-24

Skills

Python

Angular (NodeJS, and NativeScript)

SQL/noSQL

R

AWS services

OOP/Functional/Asynchronous

Projects

https://luisvargasgu.github.io/

Phone App (ask to see)

Languages

Spanish - Fluent

French - Functional

Additional Activities

2020-07

Department of Statistical Sciences, University of Toronto

Best Presentation (Gold Award)
The challenge for this DataFest/Case competition was to choose an outcome such as the impact of Covid-19 on atmospheric CO2 (or something entirely different we haven't thought of here!), find the appropriate data to explore the effect of the COVID-19 pandemic on this issue, and present your findings (along with the dataset you used).