



# Luis Vargas

Software Developer and Data Analyst



## Summary

Hard-working software developer and statistician, with a flair for creating elegant solutions in the least amount of time. Developed a cross platform application with angular, a desktop scrapping tool, and authored an econometric rental analysis tool and pdf generator. Passionate about Big-data, software architecture, machine learning, and cloud computing. Regular attendee of web developer meetups and hackathons.



## Experience

2019-09 - present

### 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.

2019-01 - present

### Mobile Application Developer

Start up

- Create and maintain readable and efficient components
- Utilize angular framework to create applications that are transferable to IOS
- Utilize Firebase noSQL Database to manage and update notification data in real time.
- Utilize SQL on Google cloud compute to manage user data and analytics.
- Developer lead.

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 - 2020-06

### 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 on Udemy

- Use Tableau to Analyze and Visualize Data
- 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

### Address

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Toronto, ON  
Canada

### Phone

1-289-829-1255

### E-mail

luis.vargasgutierrez@mail.utoronto.ca

### Date of birth

1997-01-24



## Skills

Python

Angular

R

HTML

SQL

Type Script



## Projects

<https://luisvargasgu.github.io/>



## Languages

Spanish - Fluent

French - Functional



## Additional Activities

2017 - 2018

### Sigma Chi (ΣΧ) - Huntsman Cancer Institute

Community outreach coordinator  
Found opportunities around the GTA such as soup kitchen initiatives, fundraising, and road clean ups to help around the community. Managed and organized fundraising events which raised a total of \$4,000 dollars for the Huntsman Cancer Institute.