



ABIGAIL RIVERA ESQUIVEL

I'M MATEMATICIAN, FULL STACK DEVELOPER,
AND DATA SCIENCE SPECIALIST. BIG PASSIONATE
FOR INNOVATION. ETERNALLY SELF-TAUGHT.

CONTACT INFORMATION

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ABOUT ME

I'm interested in the deep understanding of stuffs but also a great synergy creator. I'm a resilient and spiritual person who is always looking for the next big challenge. I believe in the power of word.

TECHNOLOGIES

PHP(LARAVEL)

PYTHON

JAVASCRIPT

SQL(BIGQUERY)

CSS

POWER BI

HTML

MATLAB

JQUERY

ALTERIX/TABLEAU

SASS

MYSQL

GITHUB

POSTGRESQL

LANGUAGES

Spanish: Native

English: B2

ACADEMIC BACKGROUND

2016 Bachelor's degree in Mathematics in the Facultad de Ciencias at Universidad Nacional Autónoma de México. (GPA 8.87/10)

WORK EXPERIENCE

Full Stack Developer - INDEPORTE 04/2022–currently

- Application Web development for social programs.

Technologies used:

PHP(LARAVEL)

JAVASCRIPT

JQUERY

CSS

HTML

MYSQL

APIs: STRIPE

POSTGRESQL

FIGMA

Data Science Specialist - WALMART 05/2019–04/2022

- Building mathematical adaptive learning algorithms based on the data history to streamline the supply chain logistics, englobing the chain from beginning to end, to drive performance of core KPIs jointly.
- Managing projects with stakeholders to the launching of applying those mathematical algorithms to the system.
- Working with Walmart International to measure the development of the different international logics to improve the major KPIs jointly and select the best logic.
- Interactive enterprise interior system creation.
- Data visualization with dashboards and creation of reasonable mathematical logic for decision-making reports.
- Working with Agile methodology.

Technologies used:

PYTHON

SQL(BIGQUERY, TERADATA)

POWER BI

ALTERIX

TABLEAU

Submanagment Demand Planning - WALMART 03/2018-05/2019

- Analysis and creation of tools for the best developing of the forecast.
- Data-based analysis to correctly set the system variables and thus be able to increase forecast sales accuracy.
- Compute sales forecast.

Technologies used:

SQL(ITERADATA)

POWER BI

Mathematician - DREIDEL 04/2017-08/2017

- Modeling probability functions. Analysis of player behavior with mathematical algorithms, which for good gamers maximize their time spent at the casino, keeping constant the expected amount of their profit or loss (Simplex Method).

Technologies used:

PYTHON

MATLAB

MATHEMATICA

Professor's assistant - UNAM 01/2015-01/2017

- Professor's assistant in the subjects of: Differential Equations I, Celestial Mechanics, Complex Variable I, and Analytical Mechanics.