



JORGE ESTEBAN RAMÍREZ SASHIDA

D A T A S C I E N C E

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PROJECTS:

Safe routes in CDMX

- Development of a route optimization system focused on private and public transportation in Mexico City.
- Implementation of data driven algorithms regarding crime statistics to discern safe and efficient routes.

Domino AI

- Implementation of a functioning domino artificial intelligence utilizing the minimax algorithm and probability theory.
- Optimization of decision making in 1v1 gameplay.

Data Analyst in Gobernanza Marina

- Social service program to prevent illegal fishing in Cabo Pulmo and Bahía de Loreto.
- Collaboration with Causa Natura.
- Data analysis and manipulation regarding minor boats.
- Handling of geospatial information.

Data base for a music platform

- Design and creation of a database in PostgreSQL for a fictional music platform.
- SQL queries, relational model and entity-relation model.

Neural Network (Machine Learning)

- Programmed a neural network capable of recognising handwritten numbers.
- Artificial intelligence and statistics applied in python.

ACADEMIC CAREER

Data Science, Instituto Tecnológico Autónomo de México (ITAM)

5th Semester

GPA: 3.7

Relevant Coursework:

- Artificial Intelligence
- Probability and statistics
- Data bases

SKILLS

- Python
- SQL
- Git
- Java
- R

LANGUAGES: Spanish and English