

José Ignacio Sánchez García

Software engineer

Contact

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Portfolio:

<https://mundoborrego.com/portfolio>

Skills

- SQL database management
- ETL pipeline creation
- Data analysis libraries
- Software development in Python, PHP, Javascript, Shell
- Backend data processing
- Efficient teamwork

Software

- Python and Pip
- Python pandas
- Venv for virtual environments
- MySQL
- SQLServer
- Keras and Tensorflow
- ArtusBI
- eBavel
- Linux
- Connector Manager
- Git and GitHub

Languages

- Advanced English (C1)

Interests

- Studying algorithms and AI
- Studying game development

Work experience

june 2021 - today

Software engineer
Breinit - Monterrey, Mexico

- Applied data engineering to large datasets to make them suitable for business logic applications, such as decision-making.
- Automated processes by writing scripts and created ETL pipelines
- Developed software using Python, MySQL, and SQL Server, APIs, backend software, and automation tools.
- Designed dashboards for data visualization in Business Intelligence platforms
- Developed backend software in PHP
- Problem-solving with a focus on improving the customer experience

Education

august 2017 - july 2023

Bachelor of Software Engineering
School of Mechanical and Electrical Engineering
- Autonomous University of Nuevo León -
Monterrey, Mexico

- Learned software development and programming languages
- Learned data analysis
- Learned Machine Learning basics and advanced Mathematics

Projects

- **Red Neuronal Artificial:** Neural network to classify data for predicting heart problems stored in a CSV file. Repository: <https://github.com/LittleSheepEmma/Red-Neuronal-Artificial>
- **Suffix Cactus:** Implementation of the data structure called suffix cactus. Repositorio: <https://github.com/LittleSheepEmma/Cactus-de-sufijo>
- **Best route to take:** Solutions to the traveling salesman problem. Repository: <https://github.com/LittleSheepEmma/Insercion-Mas-Barata>
<https://github.com/LittleSheepEmma/Insercion-Mas-Lejana>