


# JESÚS HUERTA AGUILAR

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## Skills


- **Programming Languages:** Python, C/C++, R, Java, and HTML/CSS.
- **Databases:** SQL and MySQL.
- **Machine Learning:** Knowledge of regression algorithms, Bayesian algorithms, clustering, decision trees, neural networks, deep learning, NLP.
- **Computer Vision:** Experience in digital image processing and object detection.
- **Teamwork:** Ability to guide and receive feedback, remain calm in complex situations.
- **Software:** GitHub, Visual Studio Code, Visual Studio, NetBeans, Dev-C++, PyCharm, Google Collab and Jupyter Notebooks.
- **Microsoft Office:** Microsoft Word, Microsoft Excel and Microsoft Power Point.
- **Languages:**
  - Spanish (Native)
  - English (B1).

## Projects

- ANALYSIS OF POLITICAL TEXTS - 

May 2024

*Python, NLP, scikit-learn, Pandas, Matplotlib, GitHub, Visual Studio Code*

  - Developed a political text analysis project using natural language processing (NLP) techniques.
  - Implemented text classification models and sentiment analysis to identify patterns and trends in political speeches.
  - Used libraries such as scikit-learn, Pandas, and Matplotlib for data manipulation and result visualization.
- SALES MANAGEMENT SYSTEM - 

February 2024

*Java, Spring Boot, MySQL, Thymeleaf, NetBeans, GitHub*

  - Developed a sales management system using Spring Boot for business logic and MySQL for database management.
  - Implemented a user interface with Thymeleaf, enabling efficient management of products, sales, and customers.
  - Integrated authentication and authorization functionalities, as well as sales reports and statistics.

## Experience

- Enero 2020 - Present

**Coordinator of Digital Solutions**

Talavera Tobías Huerta

Puebla

  - Installation of updates, and configuration of equipment and programs.
  - Design, programming, and development of software solutions.
  - Participation in meetings and technical presentations to explain the results and benefits of AI-based solutions to clients.
  - Application of data analysis strategies and process optimization using AI techniques.
  - Preparation of periodic reports on projects in charge.

## Education

- January 2021 - December 2025

Puebla

**Bachelor's Degree in Computer Science**

**Benemérita Universidad Autónoma de Puebla**

  - **Relevant Modules:** Data Structures, Linear Algebra, Probability and Statistics, Calculus, Data Mining, Artificial Intelligence Techniques, Algorithm Analysis and Design, Information Retrieval, and Data Storage.
  - **Workshops:** Classification with Artificial Neural Networks (CONACIC 2023), Data Mining for Industrial Maintenance Prediction (CONACIC 2023), Big Data in Health Workshop (CONACYT 2023), Object Detection Through Computer Vision (CONACIC 2022).
  - **Congress Attendance:** V International CONACIC Congress 2023, IV International CONACIC Congress 2022.

## Certifications

- Oracle Cloud Infrastructure AI Foundations.