DATA SCIENTIST

VICTOR CASTELLANO

PERSONAL PROFILE

Engineer passionate about data, artificial intelligence and multidisciplinary development. Interested in applying technologies from business logic to technical particularities. USA permanent resident, with SSN, able to work legally. Bachelor's Degree in Mechatronics Engineering.

CONTACT

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- /CastellanoVictor

EDUCATION

University of Guanajuato
Mechatronics Engineering
Bachelor (2017 - 2022)
GPA: 3.7
International experience
Research assistant
IEEE active member

DataCamp
Python Data Science path
Exploratory Data Analysis
Machine Learning
Deep Learning
Data cleaning and manipulation

CERTIFICATIONS

- AZ-900 Microsoft Azure Fundamentals
- AI-900 Microsoft Azure AI Fundamentals

EXPERIENCE

Banco del Bajío, Enterprise Data Architect
2022 - 2023

- I implemented security and data governance measures to protect the integrity and confidentiality of sensitive data.
- I collaborated with development and data teams to ensure that systems and applications are effectively integrated and share data in a consistent manner.
- I contributed to the documentation of processes, technical writing, methodologies and models, which facilitated the transfer of knowledge and the training of new team members.
- Contribution in development teams deploying models in production.
- Deployment on different platforms; Oracle WebLogic, Docker, Kubernetes.
- Architecture and maintenance of messaging application, processing more than 1,500,000 emails monthly.

Ellipz LiFI, Algorithm Data Science Intern
2022

- Cleaning, transformation and preparation of data for analysis.
- Developed, adjusted, implemented and deployment of machine learning models.
- Created clear and effective visualizations to communicate results to technical and non-technical teams.
- Designed and developed advanced algorithms to enable analysis and interpretation of data for insights.

University of Guanajuato, Data Scientist Trainee
2021 - 2022

- I performed data acquisition, cleaning and preprocessing in SQL and Python (Pandas).
- Developed machine learning models using algorithms such as logistic regression, decision trees, Naive Bayes.
- Improved deep learning models by increasing data quality and feature engineering.
- Implemented image classification for skin cancer detection with 85% accuracy.

SKILLS

- Programming languages: Python, R, Java, C++
- Mathematics: Statistics, probability, advanced calculus, linear algebra.
- Cloud: Azure Machine Learning, Azure Cognitive Services.
- Version control: Azure DevOps, Git, GitHub.
- Data visualisation: Seaborn, Matplotlib.
- Data manipulation and db: Oracle SQL, Pandas, NumPy, Excel.
- Machine Learning: Sciki-Learn
- Deep Learning: TensorFlow
- Generative IA and prompt engineering.