

# GONZALO BARTUAL FERNÁNDEZ



## Personal Details

-  **Gonzalo Bartual Fernández**
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## Skills

- Object Oriented Programming (Python, Java, c#)** ● ● ● ● ●
- AI Tools** ● ● ● ● ●
- Backend** ● ● ● ● ●
- Frontend** ● ● ● ● ●
- Languages**
- Spanish** ● ● ● ● ●
- English** ● ● ● ● ●
- Swedish** ● ● ● ● ●

## Personal Projects

-  [GitHub](#)

Computer Science Engineer specializing in Artificial Intelligence with extensive experience in full-stack web development and VPS application deployment. I am motivated by exploring new technologies and eager to relocate to Sweden to start a new professional journey. Always seeking new challenges that allow me to grow professionally.

## Employment History

**Computer Science Engineer, Web Developer.** Aug. 2022 - Dec. 2023  
Fundación de Investigación de la Universidad de Sevilla, Escuela Politécnica, University of Seville

Design and implementation of custom WordPress solutions, including:

- Development of PHP plugins for event management and automated certificate generation.
- Optimization and modernization of the user interface, enhancing end-user experience.
- Restructuring of the site architecture to ensure scalability and efficient maintenance.

**Computer Science Engineer, AI Developer.** Jan. 2024 - Jul. 2024  
FIDETIA, CATEPS

Development of a social media publication extraction and analysis tool:

- Tool capable of facilitating the study of Opinion Leaders and trends in general thinking across search topics.
- User clustering based on study metrics, grouping users according to their Activity, Popularity, or Influence.

**Computer Science Engineer, AI Developer.** Ago. 2024 - Present  
FIDETIA, CATEPS

Collaboration in a large-scale process optimization project, my role in this project involved:

- Generation of synthetic data from limited initial data.
- Automatic detection of business rules.
- Application of data transformations (Heat maps and signal conversion) to facilitate the detection of certain business rules.

## Education

**Bachelor's Degree in Computer Science and Engineering, Information Technology specialization** Aug. 2019 - Dec. 2024  
University of Seville, Seville

Graduate with a specialization in Computing (a track focused on Artificial Intelligence and Data Processing), completed my studies with a 10/10 in my Final Degree Project, specializing in Artificial Intelligence and with international experience studying for a year at VŠB Technical University of Ostrava (Czech Republic) through the Erasmus program.

## Certifications

### **Text Mining Workshop**

2024

Theoretical-practical course on the use of the TF-IDF algorithm and Python libraries for NLP such as TextBlob. Training provided by the University of Seville, taught by Professor Juan Ignacio Guerrero Alonso.

### **IBM: Machine Learning with Python: A Practical Introduction**

2020

Personal introduction to the field of Artificial Intelligence. This course focused on predictions using the linear regression algorithm, applying it to practical cases such as disease prediction and real estate price estimation.