

# Guillermo Alonso Pacheco Rodrigues

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## ABOUT ME

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Final-year Software Engineering student with a strong foundation in software development, particularly in algorithms, data structures, and object-oriented programming. Proficient in Python and Java, with experience in developing scalable software solutions and contributing to impactful projects. Skilled in problem-solving and passionate about creating software that makes a difference. Proactive with the goal of growing as an engineer and contributing to innovative teams.

## EXPERIENCE

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## PROJECTS

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### BanquetBuddy - Catering Management Application

*Python, Django, PostgreSQL*

Scalable application that connects individuals, employers, and catering companies to facilitate event organization. Designed and implemented key features, focusing on performance and scalability.

<https://github.com/ISPP-GRUPO-8/BANQUETBUDDY>

### PhoneDoctor - eCommerce for Mobile Phone Repairs

*Python, Django, SQLite, Docker*

eCommerce platform for mobile phone repair services, ensuring a smooth user experience and optimizing backend processes. Collaborated in a team of 5 people using agile methodologies.

<https://github.com/PGPI-2-1/PhoneDoctor>

### Sentiment Analysis of Tweets

*Python, TextBlob, NLTK*

Sentiment analysis tool to classify tweets by sentiment. Utilized machine learning algorithms and natural language processing libraries such as TextBlob and NLTK to preprocess data and train models.

<https://github.com/Antonio23337/Analisis-Sentimientos>

### HTTP Server

*Python, Java*

HTTP server to compare socket handling and HTTP request management in different programming languages.

<https://github.com/elguille2/http-server-python>, <https://github.com/elguille2/http-server-java>

## EDUCATION

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### University of Seville, Seville, Spain

*2018-2025*

*Software Engineering*

## SKILLS

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**Programming Languages and Technologies:** Python, Java, JavaScript, HTML, CSS, Django, Spring, Git, SQL, PostgreSQL, Data Structures and Algorithms, Shell Scripting, Linux

**Software Engineering Skills:** Version Control (Git, GitHub), IDEs (Visual Studio, IntelliJ IDEA, Eclipse), Debugging, Software Development Lifecycle Management, Unit Testing, Agile Development

**Additional Skills:** Problem Solving, Effective Communication, Critical Thinking, Independent, Proactive

**Languages:** Native in Spanish, Fluent in English, Basic in Portuguese