



# DAVID VALDIVIA VICO

Back-end developer for Big Data and Analytics

## CONTACT

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## EDUCATION

2016 - 2021

**COMPUTER ENGINEERING**  
University of Jaen

July 2022

**ENGLISH**  
Level B2 certificated by Trinity.

September 2014

**ENGLISH**  
Level B1 certificated by Trinity.

## PROYECTS

Since 2022

**NETS4LEARNING**  
Web application for introduction to programming of machine learning models using React.js  
Nets4learning

## WORK EXPERIENCE

**BACK-END DEVELOPER**  
**OpenSpring**

April 22 - NOW

Data extraction and microservices creation.

- Data extraction from different applications in different cybersecurity fields and sources (ITSM, Microsoft Graph, APIs from various sources such as CrowdStrike, Deepsecurity, etc.).
- Transformation and processing of extracted data for later ingestion into a local database.
- Experience using Elasticsearch, Kibana and Logstash, securing APIs using JWT.
- Using the Flask framework to launch microservices.
- Using Crontab as a task scheduler.
- Creating microservices using the REST API standard with Python as the programming language.

**FULL-STACK DEVELOPER**  
**Codev**

Sept 20 - April 22

Development related with olive's oil sector. Development of technological solutions for process automation.

- Windows application developer using .NET.
- Apple and Android developer using Flutter.
- Working with structured and document databases.
- Sql as structured database, securing login using JWT.
- Using Adonis.js and React.js as Front-end and Back-end frameworks.

**FREELANCER**  
**MrTitiShop**

since 20 - NOW

Development an e-commerce in React.js with a backend service

- Dynamic data, sorting products by categories.
- Diferent payment gateways like Paypal, Bizum and credit card.
- Backend service with security protocols.