

JESUS BUENO

Junior Data Engineer

Jesus is a highly motivated data professional with a broad interest in Business Intelligence, Machine Learning, Deep Learning and Big Data. He is excited to start working on challenging projects. Jesus is always motivated to do his absolute best, curious to learn new things, responsible and proactive. Jesus distinguishes himself with his communication skills, added value to the team and good customer relations.



Jesus followed the Solita Data Academy which broadened his knowledge further in data engineering, including Data Pipelines and Cloud Solutions.

Jesus his native language is Spanish, he is fluent in French and English and has a professional working proficiency in Dutch.

Strengths



Data



Curious



Communicative



Team Player

Work history

2/2021–4/2022

JUNIOR AI DEVELOPER, BECODE

AI Projects with python: Real State Prediction API, 3D Belgium's Houses plotter, among others projects. Projects for companies use cases: Resume AI Parser for Radix AI Solutions, Manufacturing Defect Detection for Faktion, Signature Recognition for Business & Decision.

Technologies used: Python, API, Faktion Signature Recognition

11/2021–3/2022

DATA OPS - CONSULTANT (INTERNSHIP), BUSINESS & DECISION BENELUX

Three months internship. Studying and implementing Mimik edge technology to bring compute to the edge for smart cameras and running object detection models, accelerating compute and communication between devices

1/2020–2/2021	JAVA DEVELOPER ICT, INTEC BRUSSELS OOP Development of Restful applications in Python and Java, basic SQL, Springboot, Hibernate, Maven, JPA, TravisCI, CircleCI, Heroku. Working with Scrum methodology using Jira Software.
01/2020–12/2021	DINING ROOM MANAGER, WINEHOUSE OSTERIA Sales, management, and accountancy.
01/2018–12/2018	BIG DATA FOR BUSINESS DIPLOMA, TELEFONICA Basic understanding of digital transformation to leverage the data to accomplish business needs. Understanding Hadoop, Tableau, Carto, and other elements in a Big Data Architecture.
01/2018–12/2019	TRANSMISSION CONTROL TECHNICIAN, AT&T DIRECTV Procure of quality, update, maintenance of satellite transmission systems for tv channels and events in America

Education

2018	BACHELOR ELECTRONIC ENGINEER, SIMON BOLIVAR UNIVERSITY
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Certificates

6/2022–6/2024	MULESOFT CERTIFIED DEVELOPER - LEVEL 1, MULESOFT This certification validates that a developer has the required knowledge and skills to design, build, test and debug, deploy, and manage basic APIs and integrations: moving from Anypoint Platform to Anypoint Studio and back
4/2022–	SOLITA DATA ACADEMY, SOLITA This certificate was obtained by following the internal Data Academy track at Solita. This provides participants with a large amount of trainings using different technologies and concepts which are commonly used in the data field. In addition, participants were trained on their soft skills with a focus on consultancy services. Upon obtaining this certificate, the participant is able to understand the big picture, describe major components of modern data platforms and has obtained practical knowledge of the work of a data consultant. Keywords: SQL, Python, Data Platforms, Data Architecture, Data Modelling, Agile, Snowflake, Agile Data Engine.
4/2022–4/2024	DELL BOOMI PROFESSIONAL DEVELOPER, DELL BOOMI Certification validates the experience and knowledge about Boomi foundations to master complex scenarios. Core competencies related to AtomSphere and Boomi Documents, design, deploy, and debug complex web service integration processes

3/2022–3/2022	AZURE FUNDAMENTALS, MICROSOFT AZURE <p>This certification validates knowledge of cloud services and how those services are provided with Azure. Candidates should be able to demonstrate a fundamental knowledge of cloud concepts, along with Azure services, workloads, security, privacy, pricing, and support.</p>
1/2022–1/2024	GOOGLE CLOUD CERTIFIED - PROFESSIONAL DATA ENGINEER, GOOGLE CLOUD <p>Data-driven decision-making by collecting, transforming, and publishing data. Design, build, operationalize, secure, and monitor data processing systems with a particular emphasis on security and compliance; scalability and efficiency; reliability and fidelity; and flexibility and portability. Leverage, deploy, and continuously train pre-existing machine learning models.</p>

Projects

5/2022–5/2022	DATABASE MIGRATION - EXAM SIMULATOR, SOLITA INTERNAL <p>Migration of data from exam simulator from old to new Database transforming, Flask, cleaning and updating the data to match the new Data Models implemented for the new application version. Technologies: Python, Git, SQL, Microsoft Azure SQL Databases</p>
9/2021–9/2021	DATA ANONYMIZATION, BECODE - FEENPOP <p>Data Anonymatizator App to encrypt and anonymize confidential from SQL Databases from FeenPOP. Technologies: Python, Git, Streamlit, Threading, Mathematics, SQL, Pandas</p>
6/2021–8/2021	BELGIUM REAL STATE PREDICTION API, BECODE <p>The API coded in python to return the predicted price of a properties in Belgium, based on data scrapped from Immoweb from 2021. For the predictions a Linear regression was put in place to compute the relationship between several characteristics found on the sell announcement to estimate of the asking price is made. The accuracy of the model is pf 85%, which means that there is always a possibility for outliers (less then 15 %). This API has been deployed with heroku under the url: https://api-ie-predictions.herokuapp.com/ Technologies: Python, Tensorflow, PyTorch, Git, Scikit-learn, Pandas, Selenium, BeautifulSoup, HTML, Heroku</p>
5/2021–	3D HOUSES VIEWER, BECODE <p>Application coded in python to plot a house in 3D given an address. The data was collected crossing data from LIDAR satellites from Vlaanderen Overheid services and metadata, and geographical data obtained from the address through API's services. Technologies: Python, Git, API's requests, Pandas, Pillow, matplotlib.</p>
11/2021–3/2022	EDGE-COMPUTING IMAGE RECOGNITION NETWORK, BUSSINESS&DECISION <p>Internship project. Create an internetless LAN network capable to enable communication between diferent devices exposing each one as an microservice. Two raspberries were used, first one as camera streaming service and the second as Image Recognition model host, and a phone used as endpoint to check the results of the recognition. Technologies: Python, RaspberryPi, Mimik, Yolov5, Tensorflow, MobileNetV2, RTPM</p>

10/2021–10/2021

RETAIL ANOMALY DETECTION, BECODE - FAKTION

Application programmed in python to detect anomalies in manufacturing of dices. A Convolution Neuronal Network was trained to classify dices by its face, then a second process function computes the differences between a good manufactured one and the current one, being able to distinguish if the current dice had any anomaly or not. Technologies: Python, Git, CNN, OpenCv

10/2021–10/2021

SIGNATURE RECOGNITION, BECODE

YOLOv5 model trained in python to detect signatures on documents, it was trained with annotated documents transformed to jpg and adapting their annotations from an .xml format to a .txt normalizing and transpolating the coordinates to the yolo format. Objective: extract signatures from documents to validate legitimacy. Technologies: Python, Git, YOLOv5, XML

Skills

Java	Good	2 years
Assembler	Moderate	1 year
Linux/UNIX	Moderate	3 years
Docker	Good	2 years
CircleCI	Moderate	3 years
CI / CD	Good	3 years
Machine Learning	Moderate	3 years
Deep learning	Good	2 years
Natural Language Processing (NLP)	Moderate	3 years
Computer Vision	Good	2 years
MySQL	Moderate	3 years
Data Analysis	Moderate	2 years
Python	Good	2 years
Data mining	Good	3 years

Data Visualisations (Tableau)	Good	1 year
Data Platforms	Moderate	1 year
Data Modeling	Good	3 years
Agile, DevOps, Scrum	Good	2 years
Databases (SQL, Snowflake)	Moderate	3 years
Data Architecture	Moderate	2 years
Data Science in Python (Tensorflow, PyTorch, Scikit-learn, Pandas, etc.)	Good	2 years

Web presence

 <https://github.com/jejobueno>
 <https://www.linkedin.com/in/jesus-jose-bueno/>

Languages

Spanish	Native language
Dutch	Good
English	Excellent
French	Excellent

Hobbies & passions

Gym
 Climbing
 Drawing
 Programming

