# 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 a consultancy company.Technologies used: Python, API, Faktion Signature Recognition

**11/2021–3/2022** DATA OPS - CONSULTANT (INTERNSHIP), BELGIAN CONSULTANCY COMPANY

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**

## 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**

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.

10/2022–10/2024

### SNOWPRO CORE CERTIFICATE, SNOWFLAKE

SnowPro Core Certified individuals have demonstrated the knowledge necessary to apply specific core expertise in the marketplace with customers implementing and migrating to Snowflake. A SnowPro Core Certified individual has a thorough understanding of Snowflake as a cloud data warehouse and has the knowledge necessary to design, develop and manage secure, scalable Snowflake solutions to drive business objectives.

1/2022–1/2024

### GOOGLE CLOUD CERTIFIED - PROFESSIONAL DATA ENGINEER, GOOGLE CLOUD

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.

## Projects

8/2022–9/2022

### CV PARSER, SOLITA INTERNAL

CV Parser application that recollects information from Solita cv's of our consultants using NLP, and fills in clients cv required format with the required information. The back-end was done in the form of an API using python and deployed as Azure Apps as a container. The front-end was done using VueJs and deployed as a static website in a storage account. Technologies: Python, VueJs, Git, Flask, Microsoft Azure Apps, Azure Storage Accounts

6/2022–7/2022

### DABASE MIGRATION - EXAM SIMULATOR, SOLITA INTERNAL

Update the model strcuture of the data used for our internal exam simulator application. Synapse was use to query and analyze the data from the old database, with the goal of create a migration pipeline with Azure Data Factory for cleaning and fitting the data into the new model in a new database, adding also Azure Functions to run some python scripts for more complex processing. Technologies: Python, Git, SQL, Microsoft Azure SQL Databases, Azure Synapse, Azure Data Factory

9/2021–9/2021

### DATA ANONYMIZATION, BECODE - FEENPOP

Data Anonymatizator App to encrypth and anonymaize confidential from SQL Databases from FeenPOP. Technologies: Python, Git, Streamlit, Threading, Mathematics, SQL, Pandas

6/2021–8/2021

### BELGIUM REAL STATE PREDICTION API, BECODE

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, BeutifulSoup, HTML, Heroku

5/2021–

### 3D HOUSES VIEWER, BECODE

Application coded in python to plot a house in 3D given an address. The data was collected crossing data from LIDAR satelites from Vlaanderen Overheid services and metadata, and geographical data obtained from the address through API's servies. Technologies: Python, Git, API's requests, Pandas, Pillow, matplotlib.

11/2021–3/2021

### EDGE-COMPUTING IMAGE RECOGNITION NETWORK, CONSULTANCY COMPANY

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

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 daces 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

YOLOv5 model trained in python to detect signatures on documents, it was trained with annotated documents transformed to jpg and addapting 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

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|---|---|---|
| **Azure (Cloud services)** | Moderate | 1 year |
| **ETL (Airflow, Data Factory, Azure Synapse)** | Basics | 1 year |
| **Data Visualisations (Tableau)** | Good | 1 year |
| **Databases (SQL, Snowflake)** | Moderate | 3 years |
| **Agile, DevOps, Scrum** | Good | 2 years |
| **Docker** | Good | 2 years |
| **Java** | Good | 2 years |
| **Data Science in Python (Tensorflow, PyTorch, Scikit-learn, Pandas, etc.)** | Good | 2 years |
| **Python** | Good | 4 years |

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|---|---|---|
| **CircleCI** | Moderate | 3 years |
| **MySQL** | Moderate | 3 years |
| **Data Analysis** | Moderate | 2 years |
| **Data mining** | Good | 3 years |
| **Data Modeling** | Good | 3 years |
| **Machine learning / Neural networks / Deep learning** | Moderate | 3 years |
| **Data Architecture** | Moderate | 2 years |
| **Computer Vision** | Basics | 1 year |
| **Linux/UNIX** | Basics | 2 years |

## Web presence

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

## Languages

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|---|---|
| **Spanish** | Native language |
| **Dutch** | Good |
| **English** | Excellent |
| **French** | Excellent |

## Hobbies & passions

Gym

Climbing

Drawing

Programming

Rugby