

Simone Giusso

Junior Software Engineer

📍 Bergamo, IT

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SUMMARY

An enthusiastic Junior Data Engineer with a year of experience as an IT consultant, working on a data warehouse project, is looking for a full-time data engineer position. I love technology and I have a particular interest in Artificial Intelligence techniques. I like continuous learning and working on complex projects to develop innovative products and services. I am willing to relocate and travelling.

EXPERIENCE

Junior Software Engineer

ICTeam

📅 11/2019 – Ongoing

📍 Grassobbio, IT

Currently working on a data warehouse project for a big Italian brand.
Competence activities:

- Developing ETL pipelines that allows efficient customer automation of data collection and transformation.
- Contribution to the analysis phases for the realization of data model able to improve the query performance and at the same time reducing allocated space.
- Extraction of value from data and compute KPI with SQL to facilitate dashboard development for the data analysis.
- Preparation of clear and concise documentation for solutions and processes delivery.

Technology used during this experience:

- SQL
- DBeaver
- Talend
- Java
- AWS (Athena, S3, Redshift)
- G Suite

COURSES

Data Science specialization course

Experis Academy (in partnership with Porini)

📅 10/2019 – 11/2019

📍 Stezzano, IT

Full-time course of 240 hours which includes lectures, exercises, and group projects. This course provided me with intensive preparation

PROGRAMMING

Python

Novice



Java

Novice



Talend

Intermediate



SQL

Intermediate



SKILLS

OOP

Machine Learning

Design Pattern

PostgreSQL

Problem Solving

GIT

Data warehouse

Redshift

ETL

Certifications

📄 Talend Data Integration v7 Certified Developer.

data analysis, machine learning and deep learning. Tools and technologies used: SQL, R, Python, PySpark, Keras, SQL Server, ML Studio, Databricks, RevoscalerR e PowerBI.

EDUCATION

Master's degree in Computer Engineering

110L/110

Università degli studi di Bergamo

09/2017 – 09/2019

Dalmine, IT

Thesis title: "Experimental development of a model-based fault diagnosis scheme for flight electromechanical actuators".

Bachelor's degree in Computer Engineering

95/110

Università degli studi di Bergamo

09/2014 – 07/2017

Dalmine, IT

Thesis title: "Smartphone videogame development for amblyopia treatment".

PROJECTS

REPRISE

My master thesis was developed under the REPRISE name, a project financed by the European Commission. During this period I had the opportunity to collaborate with researchers and professors with the aim of developing an algorithm, using problem solving and analytical skills, able to detect faults caused by the degradation of mechanical components in an actuator prototype capable of controlling the primary flight surfaces of small aircrafts.

ASMETA

During my master's degree I worked on an Academic project called Asmeta, a framework for the Abstract State Machines. This framework was written in Java by researchers and professors. I contributed by adding some functionalities and by solving some small bug.

An Algorithm able to recognize the number of fingers

During the artificial intelligence course I built, with other two students, an algorithm able to recognize the number of fingers inside an image using deep learning techniques with an accuracy of 96%. For this project I used Python, TensorFlow, pillow, lxml, Jupyter, matplotlib and OpenCV.

STRENGTHS

Communication Skills

During the university I gave private lessons, so I realize how important it was to use the right words to communicate complex concepts in a simple manner.

Fast learner

I enjoy learning and improving my knowledge and skills. Being a fast learner gives me the opportunity to contribute effectively to projects after a short time.

Teamwork

I enjoy working in a team because I have the opportunity to debate how to solve a problem and share knowledge. I am always willing to help my colleagues.

Independence

I have no problem to perform tasks independently. In this way I can focus much better on the task at hand and I can be sure that the work is done well and that it meets my standards.

Organization

I am a very organized person. This allows me to perform multiple tasks in parallel and build clean projects. In my experience I have helped my team in the development activities writing a list of things to do to build more clear solutions.

Languages

Italian

Mother tongue

English

Intermediate

Awards

Call for Scholarships a.y. 2018-2019.