Giovanni Brunetti

Date of birth: 30 Aug 1994 | **Nationality:** Italian | **Gender:** Male |

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87064, Corigliano-Rossano, Italy

WORK EXPERIENCE

FEB 2021 – CURRENT – Rende, Italy
BIG DATA ENGINEER – CONSULTANT AT NTT DATA FOR IMPORTANT GERMAN TELCO PROVIDER AT VT SOLUTIONS & CONSULTING

- Data modelling and data partitioning in a Google Cloud Platform ecosystem using **Big Query**.
- Development of **Dataflow job** using **Scala** for Ingestion and processing realtime data (**Avro**) ingested by kafka
- Development of Google Airflow DAGs using Python to perform etl operations on data for DWH.

OCT 2020 – FEB 2021 – Rende, Italy
BIG DATA ENGINEER – CONSULTANT AT BIP CONSULTING FOR IMPORTANT ITALIAN TELCO PROVIDER AT VT SOLUTIONS & CONSULTING

- Big Data Analyst definition and documentation for Big Data Application in terms of Development and Code Quality Best practices, Data Modelling in Data Lake initiatives for important Italian Telco in a **Cloudera ecosystem**.
- Analysis for migration of **Cloudera Ecosystem** to **Google Cloud Platform**.

JAN 2020 – OCT 2020 – Rende, Italy
BIG DATA DEVELOPER – CONSULTANT AT ATOS S.P.A. FOR IMPORTANT ITALIAN ENERGY PROVIDER AT VT SOLUTIONS & CONSULTING

- Development of **Apache Spark** batch jobs using **Scala** for Ingestion and processing of **Avro** file landed in **HDFS**.
- Desing and development of Data Quality Spark Processing Jobs for reports based on **Hive** and **Impala**
- Data preparation, Data modelling and data partitioning
- Highly focused on the transformation and analysis phase of the data for the reporting phase.

Information and communication

EDUCATION AND TRAINING

2017 – 2021 – Rende, Italy
MASTER DEGREE IN COMPUTER SCIENCE – Università della Calabria - Department of Mathematics and Computer Science

EQF level 7 | https://www.unical.it/portale/

2013 – 2017 – Rende, Italy
BACHELOR DEGREE IN COMPUTER SCIENCE – Università della Calabria - Department of Mathematics and Computer Science

EQF level 6 | https://www.unical.it/portale/

OCT 2012
PET B1 – University of Cambridge

https://www.icloud.com/iclouddrive/0NFIiSrsMi3tyW8ZlZu8LOw-A#pet

DATA ENGINEERING WITH GOOGLE CLOUD SPECIALIZATION – Coursera

Field(s) of study
- Information and Communication Technologies

https://www.coursera.org/professional-certificates/gcp-data-engineering |

https://www.coursera.org/account/accomplishments/specialization/certificate/57H9JBQYSXS7

GOOGLE IT AUTOMATION WITH PYTHON – Coursera | Google

https://www.coursera.org/professional-certificates/google-it-automation |

https://coursera.org/share/ba7869018a8949a61f5cb3aceff1e3fe

DEC 2019 – JAN 2020 – Rende, Italy
TRAINING: STUDY AND USE OF A BIG DATA ECOSYSTEM – VT SOLUTIONS & CONSULTING

Field(s) of study
- Information and Communication Technologies : *Software and applications development and analysis*

http://www.vtsolutions.it/

2013
SECONDARY SCHOOL DIPLOMA: BUSINESS HIGH SCHOOL – Italian Secondary School: ITAS ITC

Field(s) of study
- Business, administration and law
- Information and Communication Technologies

http://www.itasitcrossano.edu.it/ |

https://www.icloud.com/iclouddrive/0TEk9BS9uPXnbfdgowss2SOcQ#DIPLOMA

LANGUAGE SKILLS

Mother tongue(s):   **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages and Similar

Scala │ Parallel Programming (MPI, OpenMP) │ Answer Set Programming │ Web Development HTML 5 CSS JavaScript │ Active Server Pages │ OpenGL │ Java │ C, C++, C# │ Unity 2D/3D │ PERL (elementary proficiency for parsing) │ Android Studio (sviluppo mobile Android) │ Python

Big Data Skills

Hadoop (Hive Spark) │ Hive │ Dataflow │ impala │ Bigtable │ BigQuery │ Apache kafka │ Apache Spark

Generic Skills

Design Patterns │ GIT (GitHub) │ Tools: Eclipse, IntelliJ, Maven, SVN, Git, LATEX │ Docker containers │ Continous Integration │ Clean Code │ SBT │ Unit Testing │ Jira │ Microsoft Office │ Spring Maven │ Apache Tomcat │ Agile (Scrum) │ Web Browsers │ Object-Oriented Programming │ Code Review │ Confluence

DataBase and Data Analysis

JSON │ Penthao │ SQL │ Apache Parquet │ csv │ Apache AVRO │ Relational databases │ Tableau (data analysis)

HONOURS AND AWARDS

5 NOV 2019
Best Student Machine Learning – Università della Calabria - Department of Mathematics and Computer Science

Best Student in Machine Learning Certificate
https://www.icloud.com/iclouddrive/04QwjtTu42vB1e1-0HA5CC-mg#bs_machine_learning

5 OCT 2012
Attendance course at ETC International College, Bournemouth, Inghilterra – ETC International College, Bournemouth

Certificate of attendance for PET preparation course at ETC International College, Bournemouth, Inghilterra
https://www.icloud.com/iclouddrive/0z_FGaHDIwb5aYkfD03TKBF1Q#ETC_Certificate

DRIVING LICENCE

Driving Licence: A1
Driving Licence: B