

Claudio Scalzo

CLOUD ENGINEER @ STORM REPLY

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Born in Italy in 1994. Passionate about the whole cloud computing landscape. Strong analytical thinking and team-working skills. Successful results due to the passion for this field and the high precision in projects and tasks fulfillment. Languages: Italian (MT), English (C1), French (intermediate).



Education

Master of Science in Data Science and Engineering

EURECOM / TELECOM PARISTECH

- Double Degree program between Telecom ParisTech and Politecnico di Torino

Sophia Antipolis, France

Sep. 2017 - Apr. 2019

Master of Science in Software Engineering

POLITECNICO DI TORINO

- with the highest grade, 110/110 with honors

Turin, Italy

Sep. 2016 - Apr. 2019

Bachelor's Degree in Software Engineering

POLITECNICO DI TORINO

- with the highest grade, 110/110

Turin, Italy

Sep. 2013 - Jul. 2016

Experience

Storm Reply

AWS CLOUD ENGINEER

- Cloud Engineer, working for various customers, offering cloud professional services, migrations and cloud native infrastructures.
- Worked with IaaS/PaaS services, providing automation and cloud architectures design / management in the AWS and Azure platforms.
- Managed critical production assets for large international companies, providing cloud expertise for the business-driven technical needs of the various customers, in the whole project lifecycle.

Turin, Italy

Feb 2019 - now

SAP France

SOFTWARE ENGINEER / DATA ENGINEER INTERN

- Worked on a Data Lake platform based on Microsoft Azure, adding a framework to extend the post-processing phase with machine learning capabilities, and the pre-processing phase with external data ingestion and ADLS data transfer.
- Leveraged Spark parallelization, exploiting the distributed computing power offered by the HDInsight clusters, storing raw/processed data on the ADLS, and making the output available in Hive tables consumable by the business data warehouse (on SAP HANA).
- Managed Jenkins continuous delivery pipelines for both testing and production environments; provided support, troubleshooting and solution proposals during the daily team operations.

Paris, France

Jul 2018 - Dec 2018

Skills

Cloud Computing AWS • Microsoft Azure

Languages Python • Java • C • C# • SQL • JavaScript • SPARQL

Big Data Apache Spark • Apache Hive • MapReduce & HDFS • NoSQL Architectures

Machine Learning Spark ML • scikit-learn • Keras • Deep Learning (NNs, CNNs, RNNs) • NLP

OSs & Container Technologies Linux • Windows Server • Docker • Kubernetes

Tools & Platforms Git • Jenkins CI/CD • Jupyter / Zeppelin Notebooks • Dialogflow (+ BotKit)

Certifications

AWS Certified Solutions Architect - Associate Level

JUN 2019 | GITHUB.COM/CLAUDIOSCALZO/CV/BLOB/MASTER/DOCUMENTS/AWS_CSA_ASSOCIATE_SCALZO.PDF

Projects

Virtual Assistant for answering music related questions

2018 | GITHUB.COM/D2KLAB/MUSIC-CHATBOT • CHATBOT.DOREMUS.ORG

- Virtual assistant development (in the chatbot and vocal assistant forms), capable of answering music related questions and providing detailed graphical results. Informations extracted from the *DOREMUS* knowledge base, queried using the SPARQL language.
- Built with Node.js, using the BotKit framework. Trained Google Dialogflow as NLP. Facebook Messenger, Slack and Google Assistant support.
- Contributed with two accepted pull requests to the `botkit-middleware-dialogflow` author, for concurrency and language support.