

# Claudio Scalzo

CLOUD ENGINEER @ STORM REPLY

☎ (+39) 346 24 55 116 • ✉ claudio.scalzo@outlook.com • 🌐 github.com/claudioscalzo • 🔗 linkedin.com/in/claudioscalzo

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

- Worked for various large companies, migrated on-premises assets and designed cloud-native infrastructures.
- Worked with IaaS/PaaS services, providing architectures (re)design and management in the AWS platform, with a microservices approach.
- Implemented custom automation software to improve the cost-effectiveness of the customers' workloads.
- Automated the development workflow with CI/CD pipelines based on standard DevOps tools and AWS managed services.

*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 ETL jobs with machine learning capabilities, external data ingestion and ADLS data transfer custom techniques.
- Leveraged Spark parallelization, exploiting the HDInsight clusters distributed computing, making the output available in Hive tables directly 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 Platforms** AWS • Microsoft Azure

**Languages** Python • Java • C • C# • SQL • JavaScript • SPARQL • Bash • x86 Assembly

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

**OSs & DevOps Tools** Linux Server • Jenkins (CI/CD) • Git • Docker • Kubernetes

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

**Other Tools & Platforms** Rundeck • Jupyter / Zeppelin Notebooks • Dialogflow (+ BotKit)

## Certifications

### AWS Certifications

JUN 2019

- **AWS Certified Solutions Architect - Associate Level** • [github.com/claudioscalzo/cv/blob/master/documents/aws\\_csa\\_associate.pdf](https://github.com/claudioscalzo/cv/blob/master/documents/aws_csa_associate.pdf)
- **AWS Certified Cloud Practitioner** • [github.com/claudioscalzo/cv/blob/master/documents/aws\\_ccp.pdf](https://github.com/claudioscalzo/cv/blob/master/documents/aws_ccp.pdf)

## Projects

### Virtual Assistant for answering music related questions

2018 | [GITHUB.COM/D2KLAB/MUSIC-CHATBOT](https://github.com/D2KLAB/MUSIC-CHATBOT) • [CHATBOT.DOREMUS.ORG](https://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.