

Manuel SCURTI



09/01/1995 PESCARA (PE) ITALY

Nationality: Italian

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EDUCATION

- 09/26/2017 - 10/25/2019 * **Master's Degree in Computer Engineering**
Politecnico di Torino
Thesis: Data-Driven Analysis to Improve Oncological Processes in Hospital
Supervisors Chiusano S., Menasalvas Ruiz E.
Final grade 110/110 cum laude
- 09/10/2014 - 09/25/2017 * **Bachelor's Degree in Computer Engineering**
Politecnico di Torino
Final grade 94/110

INTERNATIONAL EXPERIENCE

- 09/03/2018 - 07/01/2019 * **E+/EU PROGRAMME COUNTRIES**
ETS DE INGENIEROS INFORMATICOS - UNIVERSIDAD POLITECNICA DE MADRID
- MADRID - SPAGNA

PROFESSIONAL EXPERIENCE

- 12/04/2019 - up to present **Junior Consultant**
Core Reply S.R.L. - Milan - ITALY
Modernization of customer's Core Banking services:
- Assessment of available resources and existing IT infrastructure
- Study of architectural solutions (microservices) for batches offloading from mainframe to a cloud environment
- Writing of the architectural proposal and relative documentation

Development of company's offer:
- Evaluation of existing solutions on the market which implement microservices architecture for CI/CD
- Integration of advanced features for transactional data analysis using Machine Learning techniques
Apprenticeship
- 02/04/2019 - 06/28/2019 **Data Scientist**
Center for Biomedical Technology - UPM - Madrid - SPAIN
Worked as intern at the Center for Biomedical Technology, inside the IT campus of the Universidad Politecnica de Madrid where I developed my final master thesis. The

objective is to analyze hospital's KPIs for health care improvement. This is part of the BigMedilytics European Project.

Thesis project

LANGUAGE SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English *	B2	B2	B2	B2	B2
Spanish	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

[Common European Framework of Reference for Languages](#)

Language certificates

2016 IELTS : 6.0

COMPUTER SKILLS

PROGRAMMING
LANGUAGE/CODE

R, Python, C, C++, Java
Frontend+Backend: HTML, Javascript, CSS, jQuery, PHP
good level

PROGRAMS/SOFTWAR
E

Engineering: Matlab/Simulink
Framework for Big Data: Apache Spark, Apache Hadoop
good level

DATABASES

MySQL, OracleSQL, PL/SQL, HBase
good level

OTHER

Production of Electronic Music through FL Studio

PERSONAL SKILLS/OTHER SKILLS

Able to face problems both in a top-down or bottom-up fashion depending on the problem. I'm able to work independently and also in team, thanks to many projects carried out during the study course, to the experience gained in a students team and to the group spirit acquired during the years in a basketball team playing in a championship. I had experiences in communicating results of my works to clients or in classroom in front of other colleagues thanks to professional experiences and the abroad studies. I enjoy taking part in decisional processes of a team and eventually guide them in my decisions.

OTHER INFORMATION

Driving license

Available to travel on business in Italy, abroad

Available to relocate in Italy, abroad

* Fields marked with an * are certified by Politecnico di Torino, while the potential thesis description is added by the candidate.