




# Andrea GRAZIANI



PLACE AND DATE OF BIRTH: Italy, 27 August 1993 • AGE: 29  
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 Driving licence B • Car available

## Education

2018 - 2022

**Master's Degree**, Computer engineering  
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"  
LM-32 - 2ND LEVEL DEGREE IN COMPUTER ENGINEERING

*Final degree mark: 110/110 cum laude*  
*Dissertation/thesis title: "A QoS-aware broker for multi-provider serverless applications"* • *Thesis supervisor: Valeria Cardellini*  
*Age at graduation: 28* • *Graduation date: 23/05/2022*

2012 - 2018

**Bachelor's degree**, Computer engineering  
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"  
L-8 - 1ST LEVEL DEGREE IN INFORMATION TECHNOLOGY

*Final degree mark: 102/110 cum laude*  
*Age at graduation: 25* • *Graduation date: 26/10/2018*

2008 - 2012

**Italian Secondary School Diploma**, Scientific Certificate  
LICEO SCIENTIFICO STATALE BRUNO TOUSCHEK

*School-leaving examination mark: 90/100*  
*Graduation date: 2012*

## Work Experience

JUNE 2022 - PRESENT

**Software Engineer**, ALTEN Italia S.p.A. - Rome, Italy

Acted as computer consultant for following companies:

- **ABB S.p.A.** - Rome, Italy  
(June 2022 - June 2023)

To develop several web applications, acting as management software, used by some company departments in order to perform some task like data management, report extraction, scheduling activities and so on.

- Acted as software designer, developer, tester and coordinator of the projects.
- Performed requirements gathering and technical documentation.
- Handled production deployment, testing and technical support.
- Started initiatives aimed at improving software development process.
- Performed bug fixing.

- **GF Machining Solutions S.p.A.** - Meyrin, Switzerland  
(June 2023 - Present)  
To develop a web application that allows users to setup, manage laser industrial machines for making metallurgical products.
  - Acted as a developer.
  - Updated technical documentation.
  - Performed bug fixing.

## Training

SEPTEMBER 2022

### **RabbitMQ usage in event driven architecture**

TRAINING COURSE AT ALTEN ITALIA S.P.A. (ROME, ITALY)

Introductory course on event-oriented architectures and how to configure and use a RabbitMQ cluster.

## Language

MOTHER TONGUE












Italian

FOREIGN LANGUAGE(S)

Language	Listening	Reading	Writing	Speaking
English	B1	B2	B2	B1

## Computer Skills

LANGUAGES

	Experience	Experience Years
C		2
C++		0.5
C#		1.5
Java		2
Go		1.5
Python		1.5
Assembly MIPS		0.5
Assembly x86		0.5
HTML		2
CSS		0.5
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CLOUD

Apache OpenWhisk (*Foundation*) • AWS EC2 (*Foundation*) • AWS Lambda (*Foundation*) • AWS Step Functions (*Foundation*) • AWS CloudWatch (*Foundation*) • SonarQube (*Foundation*)

BUILD AUTOMATION

Maven (*Foundation*) • CMake (*Foundation*)

DATABASES

Microsoft SQL Server (*Intermediate*) • PostgreSQL (*Intermediate*) • InfluxDB (*Foundation*) • Apache Cassandra (*Foundation*) • Apache Kafka (*Foundation*)

ORM

Entity Framework (*Intermediate*) • Hibernate (*Foundation*)

OS

Microsoft Windows (*Intermediate*) • Kubuntu (*Intermediate*) • KDE Neon (*Intermediate*) • Manjaro (*Intermediate*) • Arch Linux (*Intermediate*)

WEB PROGRAMMING

Blazor (*Intermediate*) • JSP (*Foundation*)

## IDE

Android Studio (*Foundation*) • CLion (*Intermediate*) • IntelliJ IDEA Community Edition (*Intermediate*) • GoLand (*Intermediate*) • PyCharm Community Edition (*Intermediate*) • Visual Studio (*Intermediate*) • Google Colaboratory (Colab) (*Foundation*) •

## DEVOPS

Azure DevOps (*Foundation*) • JIRA Software (*Foundation*) • Travis CI (*Foundation*)

## TESTING

JUnit (*Foundation*) • MSTest (*Foundation*) • Moq (*Foundation*) • Mockito (*Foundation*)

## OTHERS

git (*Intermediate*) • docker (*Foundation*) • Apache ZooKeeper (*Intermediate*) • Valgrind (*Foundation*) • lp\_solve (*Foundation*) • Gurobi (*Foundation*) • Some deep learning libraries (TensorFlow and Keras) (*Foundation*) • RabbitMQ (*Foundation*)