



Antonio Oliva

Mechanical Engineer

This résumé web page on:
antonio-oliva.github.io/myHTMLcv/

Date of birth: 20 July 1993

Place of birth: Sarno (SA) - Italy

Nationality: Italy

City: San Marzano sul Sarno (SA) - Italy

Driving licence: A | B

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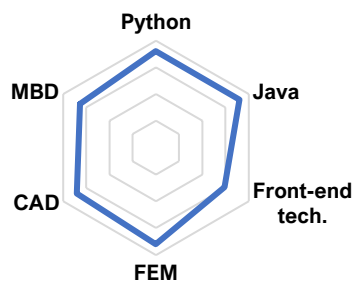
🐙 github.com/antonio-oliva

🌐 linkedin.com/in/antonio-oliva

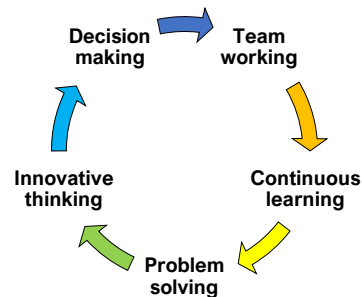
CAREER GOAL

Using my knowledge and my skills to improve people's lives is my main source of motivation. Therefore, I really appreciate being part of innovative projects, oriented towards future and digital transformation.

CORE COMPETENCIES



SOFT SKILLS



PROFESSIONAL EXPERIENCE

TCS

04/2022 – today

Remote - Italy



Software Developer:

I participate in the development and maintenance of web applications for banking purposes.

I work on an international project, in close collaboration with colleagues from Germany, Hungary, Austria, India and more. Daily, I am involved in software development and analysis, mainly on the back-end side, working with Java, SQL and related tools. I am also involved in elaborating and presenting technical documentation.

BRIDGESTONE

07/2019 – 04/2022

ROME - Italy



R&D Analysis Developer:

I participated in the development of a web application for digital design and advanced simulation, aimed at enhancing tire simulation technologies by means of CAE / FEA software.

I worked on an international project, managed according to the Agile paradigm, in close collaboration with colleagues from the American and the Japanese technical centers. Daily, I was involved in software development, mainly on the back-end side, and in the improvement of finite element analyses.

In the period July 2019 - December 2019 I covered the position of intern. From January 2020 to April 2022, I have been a consultant in Bridgestone on behalf of Integris Spa.

PROJECTS

01/2022

My Résumé Web Page

Development of a fully responsive web page hosting my résumé.

GitHub project: github.com/antonio-oliva/myHTMLcv

Technologies: HTML, CSS, JavaScript

Libraries: Bootstrap, Google fonts

CERTIFICATES

ONLINE COURSE
03/2022 – 08/2022

Udemy

Spring & Hibernate for Beginners (includes Spring Boot)

This [Course](#) covered the main topics for building full working Spring based web applications: Spring Core, Spring Annotations, Spring AOP, Spring MVC, Spring Security, Spring REST, Spring Data, Hibernate, Maven, Thymeleaf, with a special focus on Spring Boot.

ONLINE SPECIALIZATION
05/2021 – 09/2021

Duke
UNIVERSITY

Java Programming and Software Engineering Fundamentals

This [Specialization](#) covered the fundamentals of software development, focusing on algorithm development, data representation, and debugging, using HTML, CSS, JavaScript, and Java. It required the completion of 5 courses and their certification exams. In the final Capstone Project, I created a [movie recommender system](#), i.e., a DIY version of Netflix.

Other minor certifications are listed in my LinkedIn profile

EDUCATION

MASTER'S DEGREE
09/2016 – 02/2019
UNISA - Italy



Mechanical Engineering: LM-33 – 2nd level degree

Università degli Studi di Salerno

Thesis title: *Use of Multibody-FEM Codes for Simulation and Design of Aeronautical Components*

Thesis supervisors: Guida D., Pappalardo C. M.

Graduation date: 21/02/2019

Final degree mark: **110 cum laude (of out 110)**

BACHELOR'S DEGREE
09/2012 – 05/2016
UNISA - Italy



Mechanical Engineering: L-9 – 1st level degree

Università degli Studi di Salerno

Thesis title: *Analysis of vehicle longitudinal dynamics during braking*

Thesis supervisors: D'Agostino V., Pisaturo M.

Graduation date: 11/05/2016

Final degree mark: **110 cum laude (of out 110)**

SCIENTIFIC CERTIFICATE
09/2007 – 07/2012
PAGANI (SA) - Italy

Scientific High School

Liceo Scientifico Mons. B. Mangino, PAGANI (SA)

School-leaving examination mark: **100/100**

TECHNICAL EXPERTISE

SOFTWARE DEVELOPMENT

Python	Java	Matlab	JavaScript	HTML
CSS	Spring	Hibernate	Maven	Git
RESTful APIs	JSON	XML	Microservices *	Bootstrap
SQL	MongoDB	PyCharm	Eclipse	Atlassian Suite
Postman	VS Code	O.O.P.	Design Patterns	Bash *

MECHANICAL DESIGN

ANSYS Workbench	ABAQUS	HyperMesh	Matlab / Simulink
SolidWorks	AutoCAD 2D	MSC Adams	

OTHERS

Windows	Linux *	Microsoft Office Suite
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*: basic knowledge

LANGUAGE SKILLS

Italian: Native speaker

English: [Proficient](#)

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