



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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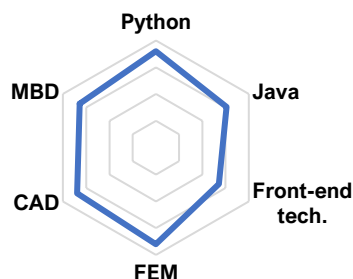
🐙 github.com/antonio-oliva

🌐 linkedin.com/in/antonio-oliva

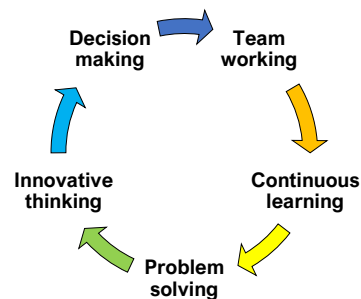
CAREER GOAL

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

BRIDGESTONE
07/2019 – today
ROME - Italy



R&D Analysis Developer:

I participate 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 work 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 am 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. Since January 2020 I have been a consultant in Bridgestone on behalf of Integris Spa.

CERTIFICATES

ONLINE SPECIALIZATION
05/2021 – 09/2021
Duke University

Duke

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.

<https://www.coursera.org/account/accomplishments/specialization/certificate/F4923945EP6Y>

This Specialization 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, available at the link below:

<https://www.dukelearntoprogram.com/capstone/recommender.php?id=wEgX6D97nHKtmp>

ONLINE TEST
EF SET



EFSET English Certificate

EF Standard English Test – 01/06/2020

Score: 79/100 (C2 Proficient)

<https://www.efset.org/cert/z8EKuy>

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**

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

TECHNICAL EXPERTISE

SOFTWARE DEVELOPMENT

Python	Java	Matlab	JavaScript (basic)	HTML
CSS	Bootstrap (basic)	SQL (basic)	MongoDB	Git
Atlassian Suite	PyCharm	Eclipse	VS Code	O.O.P.
Design Patterns	Django (basic)			

MECHANICAL DESIGN

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

OTHERS

Windows	Microsoft Office Suite	GIMP
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PUBLICATIONS

2019
ODESSA - Ukraine

Title: *A General Method for Performing an Integrated CAD-MBD-FEM Analysis*

Authors: Pappalardo, C. M., Biondo, A., Oliva, A., and Guida, D.

In: Grabchenko's International Conference on Advanced Manufacturing Processes

2019
ODESSA - Ukraine

Title: *Redesign of an Aircraft Cargo Door by using a CAD-MBD-FEM Integration Method*

Authors: Guida, D., Oliva, A., Biondo, A., and Pappalardo, C. M.

In: Grabchenko's International Conference on Advanced Manufacturing Processes

LANGUAGE SKILLS

Italian: Native speaker

English: Fluent – B2

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