

Antonio Oliva

Mechanical Engineer

Date of birth: 20 July 1993

Place of birth: Sarno (SA) - Italy

City: San Marzano sul Sarno (SA) - Italy

Nationality: Italy

Driving licence: A | B

github.com/antonio-oliva

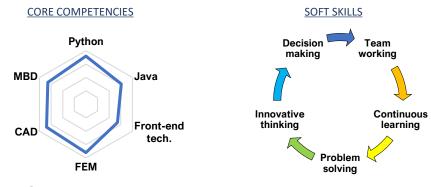
+39 327 1883406



linkedIn.com/in/antonio-oliva



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.





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.



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.

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

This Specialization required the completion of <u>5 courses</u> 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 Mechanical Engineering: LM-33 – 2nd level degree

Università degli Studi di Salerno

UNISA - Italy 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 Official duration: 2 years

Final degree mark: 110/110 cum laude

BACHELOR'S DEGREE 09/2012 - 05/2016

Mechanical Engineering: L-9 – 1st level degree

2012 – 05/2016 Università degli Studi di Salerno

UNISA - Italy Thesis title: Analysis of vehicle longitudinal dynamics during braking

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

Graduation date: 11/05/2016 Official duration: 3 years

Final degree mark: 110/110 cum laude

SCIENTIFIC CERTIFICATE Scientific High School

09/2007 - 07/2012 Liceo Scientifico Mons. B. Mangino, PAGANI (SA)

PAGANI (SA) - Italy School-leaving examination mark: 100/100

TECHNICAL EXPERTISE

SOFTWARE Python (OOP) Java (OOP) Matlab JavaScript (basic)
DEVELOPMENT

HTML CSS SQL (basic) MongoDB

Git Atlassian suite PyCharm Eclipse

Studio3T Design Patterns Django (basic)

MECHANICAL ANSYS Workbench ABAQUS Matlab / Simulink DESIGN

SolidWorks AutoCAD 2D MSC Adams

OTHERS Windows Microsoft Office Suite GIMP

(Excel, Word, PowerPoint, Publisher)

I<u>II</u> PUBLICATIONS

2019 Title: A General Method for Performing an Integrated CAD-MBD-FEM Analysis

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

In: Grabchenko's International Conference on Advanced Manufacturing Processes

2019

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

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

In: Grabchenko's International Conference on Advanced Manufacturing Processes

NEW LANGUAGE SKILLS

Italian: Native speaker English: Fluent – B2

Automo Olive