



## Irene Vittori Antisari

**Date of birth:**

**Nationality:** Italian

**Email address:**

### WORK EXPERIENCE

4 OCT 2021 – CURRENT Modena, Italy

#### **FORMULA 1 ERS ENGINEER** FERRARI SPA

- Ferrari F1 Engineering Academy - ERS Design & Development (October 2021 - March 2021)
- F1 ERS Application Engineer (April 2021 - Ongoing)

1 MAR 2021 – 1 SEP 2021 Modena, Italy

#### **ENGINE TESTING ENGINEER INTERNSHIP** HPE COXA

Internship for master thesis. Title of the thesis: Implementation and validation of fault-detection and fault-diagnosis indicators in an ICE exploiting residual generation techniques

1 SEP 2019 – 10 SEP 2020 Brixworth, United Kingdom

#### **MECHANICAL ENGINEERING PLACEMENT** MERCEDES AMG HIGH PERFORMANCE POWERTRAINS

- Team member of ICE team of Project One (September 2019 – March 2020)  
Design of engine components using the CAD software Catia. With the team, tackle the issues given by using a Formula 1 power unit in an automotive application. This meant working with all the other teams as calibration, software etc.
- Team member of Formula E mechanical design team (March 2020 – September 2020)  
Design of motor and inverter components using Catia, analysing the mechanical aspects of the components and the tolerances for assemblies.

**Website** [www.mercedes-amg-hpp.com](http://www.mercedes-amg-hpp.com)

30 NOV 2015 – 22 JUL 2018 Rome, Italy

#### **SAPIENZA CORSE FORMULA STUDENT RACING TEAM** SAPIENZA CORSE, FORMULA SAE TEAM OF SAPIENZA UNIVERSITÀ DI ROMA

- Team Leader (January 2018 – July 2018)  
Organization of the team activities and powertrain division, managing and conducting sponsor relationships.
- Engine Department Chief (September 2016 – December 2018)  
Organization of the engine division activities such as design all the auxiliary systems of the engine (e.g. lubrication system), supervise and realize the manufacturing process and calibration at the test bench. Managing and conducting sponsor relationships.
- Team member (December 2015 – August 2016)  
Design and realization of the cooling system of the engine.

## ● EDUCATION AND TRAINING

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9 OCT 2018 – 21 OCT 2021 Modena, Italy

**MASTER DEGREE IN ADVANCED AUTOMOTIVE ENGINEERING** Muner – Motorvehicle University of Emilia Romagna

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**Address** Via Università, 4, 41121, Modena, Italy | **Website** <https://motorvehicleuniversity.com/> |

**Final grade** 110/110 cum laude |

**Thesis** Implementation and validation of fault-detection and fault-diagnosis indicators in an ICE exploiting residual generation techniques

14 OCT 2013 – 23 JUL 2018 Rome, Italy

**BACHELOR DEGREE IN MECHANICAL ENGINEERING** Sapienza – Università di Roma

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**Address** Via Eudossiana 18, 00184, Rome, Italy | **Website** <http://www.dima.uniroma1.it/dima/> | **Final grade** 96/110 |

**Thesis** Sapienza Corse engine calibration procedure

## ● LANGUAGE SKILLS

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Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*