

# Andrea SPINELLI

CURRICULUM VITAE - Vers. May 7, 2020

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## Personal Data

PLACE AND DATE OF BIRTH: Alzano Lombardo (BG), Italy | 8 March 1995  
CURRENT MAIN RESIDENCE: Vertova (BG), Italy  
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## Education

2017 - 2020 Master of Science in AERONAUTICAL ENGINEERING  
**Polytechnic University of Milan**, Milan  
Major : Aerospace Propulsion  
Minor : Aerodynamics  
110/110  
Thesis: **A study of unconventional wings and tails**  
Multidisciplinary parametric analysis of non-elliptical spanloads and vee-tails

June 2019 **Project FIAM Jet** : Aerodynamic Optimization of an RC EDF Airplane  
Aerodynamic Design Class: 30/30 cum laude (A+)  
For this study a prize was awarded by Fabbrica Italiana Associazioni Modellistiche (FIAM)

March 2019 **ATHENS Programme** : Katholieke Universitet Leuven, Belgium  
Seminar in SPORTS, BUILDING AND CITY AERODYNAMICS

November 2018 **Project DEIMOS** : ICBM Conceptual Design  
Launch Systems Class: 27/30 (A)

2014 - 2017 Bachelor of Science in AEROSPACE ENGINEERING  
**Polytechnic University of Milan**, Milan  
104/110

June 2013 **Cambridge ESOL** First Certificate in English  
Grade B

2009 - 2014 High School Diploma  
**Liceo Scientifico E. Amaldi**, Alzano Lombardo

## Language Skills

ITALIAN    Mother tongue  
ENGLISH   C1  
GERMAN   A1

## Digital Skills

OPERATING SYSTEMS    MS Windows, Debian-based Linux  
PRODUCTIVITY SOFTWARE    MS Office, LibreOffice, LaTeX  
PROGRAMMING LANGUAGES    C, Bash, Matlab, Python  
CAD SOFTWARE    SolidWorks, CATIA  
CAE SOFTWARE    Abaqus-SIMULIA, OpenFOAM, Siemens Femap

## **Interests and Activities**

Aircraft Design, Rocket Design, Aerospace Propulsion, Aerodynamics  
FOSS Programming, CFD and FEA Simulations, Optimization Simulation  
Hobby Arts, Photography