

# Antonio Sindoni



**Date of birth**  
07-03-1995

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Italian

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## PROFILE

With a background in Mechanical Engineering, I am currently working as Additive Manufacturing Engineer in the Section R&D at GE Avio Aero. I am confident, competent, ambitious and eager to work in very dynamic and international environments. I am a quick learner and proactive person, with deep passion in technology and its community.

## WORK EXPERIENCE

### *Additive Manufacturing Engineer - Contract Reasercher*

Feb 2020 - Ongoing

Turin

#### **GE Avio Aero S.r.l**

GE Avio Aero is a business unit of GE Aviation specialized in the design, production and maintenance of components and systems for the civil and military aeronautical industry. Working in the R&D team, our tasks are focused on the introduction of improvements and/or new products. Day by day, I am gaining experience in a technical department in the framework of KPI-driven performance and highly responsibility tasks. In this context, I am also acquiring knowledge of different technologies and processes for additive manufacturing.

### *Additive Manufacturing Engineer - Intern*

Apr 2019 - Dec 2019

Turin

#### **GE Avio Aero S.r.l**

In the TAL Laboratory of GE Avio Aero I gained experience with CAD and CAE software like NX for the 2D/3D design, Magics and Netfabb for the build preparation and Optistruct for FEM analysis and topology optimization of components. In that experience, I started to feel comfortable in working on cross-functional issues and opportunities that impact the supply and production chain connected with the laboratory.

## EDUCATION

### *MSc in Mechanical Engineering, cum Laude (Double Degree)*

*Polytechnic University of Milan & Alta Scuola Politecnica (honor program)*

2017 - 2019

Turin

**Thesis:** "Theralight, Lightwave Technologies for Theranostics of Tumors", in which I re-designed and prototyped a probe for easy handling by the surgeons during laparoscopic treatments.

### *MSc in Mechanical Engineering, cum Laude*

*Polytechnic University of Turin*

2017 - 2019

Turin

**Thesis:** "Optimization of 3D print strategy for aeronautical components produced by Laser Powder Bed Fusion."

### *BSc in Mechanical Engineering, cum Laude*

*Polytechnic University of Turin*

2014 - 2017

Turin

**Thesis:** "Optimization of Python and Matlab algorithms for the current distribution in busbar systems."