Technical Internship - Avio Aero Engineering Materials & Processes

Job Function: Engineering/Technology

Business Segment: Aviation AvioAero

Location(s): Italy; Rivalta di Torino

**Role Summary:**

The internship in Avio Aero Engineering Material & Processes Department is a great opportunity for Engineering students or Post-Graduates who want to be part of a leading company in technology and innovation. Avio Aero is leading several projects to develop new processes and materials to support the design of new engines that are increasingly demanding in terms of material performances.

**Essential Responsibilities:**

We are gathering potential candidates who would be interested in a 6 month internship starting in Feb/March 2019. Successful internship assignments may lead to EEDP program placement (after internal recruiting process). During the 6 month internship you will work in collaboration with Engineering Managers and Leaders. You will be assigned to a technical project in the field of materials and process related to LP Turbines products. You will have to deal with different topics among which:

establish requirements for materials and special processes;

define material characterization plan, mechanical properties, heat treatments, non-destructive tests and other special processes to ensure proper quality is maintained;

interpret material and special process specifications and part drawings.Most of the proposed activities are focused to the development of new materials, including additive manufacturing processes, always working at the leading-edge technology in a dynamic environment aimed at achieving excellence.

**Qualifications/Requirements:**

* Undergraduate students who plan to be graduated within July 2019 or Master Degree Graduates in the following disciplines: Materials Engineering, Mechanical Engineering, Aerospace Engineering, Aeronautical Engineering, Energy Engineering.;
* A good knowledge of English is mandatory;
* Passion for technology, team player, process oriented, curious, flexible and open minded;
* Outstanding University results - Top 25% class (final grade minimum 104/110 or GPA 3 out of 4);
* EU Work Permit.

**Desired Characteristics:**

* An experience abroad (study or work) will be considered as a plus;
* Good knowledge of Italian;

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