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France

**DATE:** 09/04/2021 | **End-of-studies Internship:** Consultant Asset Management

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APLINES is an innovative startup that develops and deploys a Software as a Service (SaaS) solution in asset management. APLINES was founded in October 2019 through an incubator project by Schneider Electric. APLINES helps its customers around the world to optimize the performance of their electricity distribution and transmission network asset portfolio and to implement sustainable Asset Management practices.

As an intern, you will be part of our Asset Management Consulting team.

Within the framework of your internship you will have several themes:

- From the English standard "CNAIM", we evaluate the cost of the risk of failure, use aging laws (probability of failure) and models to calculate the consequence of failure.  
You will work on the following asset categories:
  - Public lighting (automation system, power cable (380V/220V), pole, bulb/LED)
  - UPS / inverter
  - Capacitor banks
  - Electrical conductors (LV / HV / 33kV / 66kV)
  - Surge arrester
  - Energy storage batteries
  - guard wire for OPGW cable
  - transformers (LV and 20kV / 33kV)
  - Switch (PM) 6.6kV / 11kV / 20kV / 33kV
- You will provide support for the execution of pilot projects and/or the implementation of our solution Aptimize by:
  - Facilitating workshops with our clients
  - Creation of support materials
  - Redaction of key deliverables
- You will study the relevance (sensitivity analysis) of generic maintenance levels 1 and 2 on the CNAIM asset categories of Aptimize by executing detailed and specific tasks. You may be required to estimate the man-hour and cost of each maintenance program from bibliographic research.

Fluent English as well as excellent oral and written communication skills are essential.

The internship can be performed in Turkey, entirely from home, with one to two scheduled visits to our office in Paris, France.

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