

# ELECTRICAL ENGINEERING INTERN

## DESCRIPTION

Are you looking for a work environment where you can innovate, reach greater heights and collaborate with experts from a wide range of sectors? You want to join a world-class company and industry leader with projects to which you would be proud to contribute? Come share your passion with us!

The role we are offering you:

The Hardware Engineering and Design department is responsible for providing hardware solutions for all of CAE's training devices. Our multidisciplinary team is trained and dedicated to its task and has extensive expertise in numerous sectors, such as mechanical, electrical and electronic engineering.

Our primary mission is to design, configure and manage the development of cost-effective hardware solutions that meet client requirements.

- Work on a team responsible for electrical design, support of electrical systems for the flight simulator cockpit.
- Participate in the analysis of drawings, specifications and requirements for internal and external clients.
- Help define the configuration of simulator materials and develop bills of material, wiring diagrams, and schematics of the electrical system necessary to run the equipment in a simulation environment.
- Participate in the design of the electrical schematics and wiring diagrams of the systems needed to stimulate these devices in a simulation environment.
- Define and prepare documentation and technical drawings related to simulated instruments and panels.
- Find technical solutions to meet project requirements.

## **REQUIREMENTS**

Our ideal candidate has:

- Bachelor's degree in electrical engineering or equivalent underway.
- Knowledge of electrical engineering concepts.
- Practical knowledge of CAD systems, word processing and spreadsheet software.
- Good technical writing and communication skills.
- Ability to manage priorities in a context of multiple and complex deliveries.
- Experience with E2A, SEE Electrical, Powerdraft an asset.
- Bilingualism essential.

## **BENEFITS**

CAE offers:

- Salary determined according to the number of years and / or cumulative credits
- Flexible schedules
- Open concept workspace
- Opportunity to work on a variety of projects on a multidisciplinary team
- Possibility of permanent employment/extension
- Free parking (cars and bikes) and STM access
- Running club and sports activities
- Changing rooms and showers
- Panoramic terrace open during Summer and Fall

Come share your passion with us!

With over 10,000 employees in more than 35 countries, CAE is a global leader in training for the civil aviation, defence and security, and healthcare markets. To learn more: [www.cae.com](http://www.cae.com).

CAE thanks all applicants for their interest. However, only those selected for an interview will be contacted.

## **FORMAT**

- City : Montréal
- Starts at : 2022-01-10 10:00:00

- Period : 3
- Duration : 4 months
- Number of openings : 4
- Full time
- Study level : Bachelor ,
- Programs : Electrical Engineering ,

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