

INTERNSHIP for Student in Computer science and Information technology

IDENTIFICATION OF THE STRUCTURE OFFERING AN INTERNSHIP CONTRACT

Name or company: **Hutchinson**

Sector of activity: **Industry (Automotive, Aeronautics, Defense)**

Applicable collective agreement: **Rubber**

Size, group membership: **40,000 employees, company belonging to the Total Energies Group**

INTERNSHIP SERVICE ASSIGNED

Name of the department offering the position: **Belt Drive System / Technical Direction**

Location of the service (adresse): **Rue des Martyrs, 37 300 Joué les Tours (Centre-Val de Loire – Loire Valley)**

Department staff: **70 people (Technical Department)**

Department activities: **Studies, Design and Validation of power transmission products (belts, pulleys, tensioners)**

MISSION PROPOSED FOR THE INTERNSHIP CONTRACT

Job objectives, description of the context (environment, service, etc.), content of the proposed mission:

Within the technical department, in the “Innovations” division, the position concerns IT development and validation of the technical department’s internal design and simulation software.

This consists of:

- **Development and validation of power transmission design software used by the technical department (interface and algorithm)**
- **Maintenance of this software**
- **Writing and formalization of technical notes (capitalization of algorithmic structures and databases)**

Skills:

Computer science and development of IT tools based on Microsoft Windows tools:

- **WinDev**
- **Visual Studio**
- **WPF**
- **C#, C++, Java**
- **Object oriented programming**
- **SQL Database**

APPLICATION TERMS AND CONDITIONS

Person(s) to contact for application and contact details:

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