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Limited Transport

Job Description

Alstom are a world leader in Energy Infrastructure and Rail Transport. On a global scale, we employ more than 85,000 people in over 90 countries. In Australia, Alstom build and supply the latest technology trains, trams and systems for rail transport. During the past 12 months the business has experienced considerable growth. Alstom are currently recruiting engineers to further develop its local capabilities in Australia.

Job Title & Purpose

Internship GraduatePosition
In 2014 : enrolled in 1st year of Master Degree
in Computer Science or Electrical Engineering

Purpose of the Job:
You will work in the TIS (Transport Information Solution) department under the supervision of the CBI (Computer Based Interlocking) Team Leader and direction of the CBI Leader you will be responsible for particular work packages to assist in the design and development of interlocking solution for railways signalling projects.

Network & Links:
Your relation are:
- **Internal**, within the site (Project, CBI Team Leader, CBI leader, I&V leader, Verification and Validation team)
- **Internal**, in Australia, within the signalling community, to implement and improve the engineering processes

Mission and objectives

You will:
- Receive training for all project activities you are required to perform. This includes training on the Smartlock system (Testing tools and Support System development) and Victorian principles (interlocking principles)
- Work closely with a mentor in order to benefit from their past experience
- Develop a software tool to facilitate the data preparation/validation process (CBI or TCS, to be defined), in the context of delivering safety data foo RRL projects.
- Identify the final user's needs.
- Write specification.
- Testing / Debugging the tool.
- Training and promoting of this tool.
- Other duties as directed by CBI Team Leader and CBI Leader

Candidate Requirements

Educational Requirements:
Bachelor degree in Computer Science or Electrical Engineering. Enrolled in 2014 in Master 1st year (in Computer Science or Electrical Engineering

Desired Knowledge / Experience:
- Software : VB script, C++, SQL database
- CAD experience is beneficial
- IT basics (MS Office)

Behavioural Skills / Competencies:
- Excellent communication skills, both written and verbal
- Team spirit and listening skills
- Good analytical skills
- Ability to work independently