



## Research Engineers, BNRL

### Description:

NUS's School of Computing (SoC) and Department of Electrical & Computer Engineering (ECE) under the Faculty of Engineering are leading computing and engineering research institutions in the world, with faculty members who are internationally recognized researchers. The Computing Translational Research and Development Centre (C-TReND) is a new research centre founded by SoC in May 2017. BYD Group, an international group with strong capability in the IT, new energy and auto industries, and has set up a subsidiary in Singapore, BYD (Singapore) Pte. Ltd. The SoC, ECE and BYD have identified research and development areas of common interests, with a focus on fleet management and route optimization. Through HDT Singapore Holding Pte Ltd, which is the operating arm of BYD's products, we will jointly develop technologies to meet BYD's business expansion.

The BYD-NUS Research and Development Lab (BNRL) will operate as a R&D unit in C-TReND Centre with an enclosed designated office space. NUS will manage the daily operations of BNRL.

There are five openings of Research Engineer in BNRL. The Research Engineer will be responsible for working closely with the Principal Investigator and lab members on one or more research projects. He/she should possess experience or interest in at least one of the following research areas:

- Enhancement of Driver Management System
- Analytic Hierarchy Process System
- Enhancement of Charging Management System
- Tracking and Immobilising car system
- Enhancement of Route Expert System
- Knowledge-Based Management System
- E-learning System

### Job requirements:

- A Bachelor's degree in a relevant area
- Knowledge and experiences in programming and software development
- Good in mathematics such as statistics and optimization methods
- Good interpersonal and professional communications

Interested: [c-trend@comp.nus.edu.sg](mailto:c-trend@comp.nus.edu.sg)