Senior Mechatronics Engineers

Job Responsibilities:

- Scope and write detailed project documents for assigned projects to in-house and/or 3rd party vendor teams.
- Take a hands-on approach to lead/provide engineering support for assigned projects to help ensure that these are delivered on-specs, on-time, and on-budget, for example:
  a. Simulation, design, setup, programming, qualification and documentation of motion control solutions,
  b. Development of test benches for mechatronic modules,
  c. Cooperation with supply chain for related components (motors, encoders, etc.),
  d. Installation and organization of laboratory and related equipment.
- Participate in brainstorming sessions to find new solutions to, or resolve any and all technical issues relating to existing projects.
- Report to Research & Development Director and provide progress reports of all assigned projects in a timely manner.

Requirements:

- Bachelor’s or Master’s Degree in Mechatronics, Control Engineering, Electrical Engineering or its equivalent from an accredited University/Institute of higher learning.
- Around 10 years’ relevant working experience with 5 years in lead and mentor role.
- Highly competent in Control theory, Motion control, Sensors and motors, Electronics, and Mechanics.
- Highly proficient in the use of C++, Office and Matlab.
- Highly proficient in Finite Element Analysis (FEA).
- Able to conceptualize, analyse and evaluate different design approaches based on business requirements, technologies and their trade-offs.
- Have strong analytical and trouble-shooting skills.
- Willingness to continually review and improve processes to help increase team effectiveness and productivity.
- Team player with strong inter-personal, communication and presentation skills.
- Able to interact and work well with all levels of personnel.
- Able to lead and perform in a high-pressure, fast-paced environment.
- Able and willing to travel overseas for project work or for overseas postings.

Interested applicants, please send in your resume to hr.sg@wongfong.com

For more details about the company, please visit www.wongfong.com