COMPANY INTRODUCTION

Have you ever thought of building an electric vehicle from scratch?

Are you interested to get first hand superb technology knowledge from our partners?

At Scorpio Electric under EuroSports Technologies, we are driven by our mission freedom in mobility. Embracing the next frontier of the automotive industry by developing sustainable mobility solutions like electric vehicles and energy solutions that helps to alleviate urban congestion and pollution.

If you love what we do, we invite you to come explore the exciting convergence of business and technology with us.

Why wait? Join us in shaping the future of electric vehicles.

Be inspired. And thrive.

Create
Be part of the team that creates and delivers cutting edge product to the consumers. Employees at every level are given the opportunities to create, innovate and make a difference to the overall experience of our clients.

Grow
We are astoundingly ambitious and expecting growth at a phenomenal rate. We have tons of learning and development on the job trainings that will help you grow speedily with us. If you are talented, we will expose you to the different areas of the business.

At EuroSports Technologies, we work as a team.

Our principles are:

- Team Mindset (No BGR)
- Honesty, Integrity, Ethical conduct, No harassment
We strongly believe in cultivating and nurturing talent, with the right mindset and a willingness to learn you can excel at EuroSports Technologies. Work-life balance and a supportive company environment.

Join our new Eurosports Technologies division as we embrace the next frontier of the automotive industry by developing sustainable mobility solutions like electric vehicles and energy solutions that not only alleviate urban congestion and pollution but are also smart and fun too!

Our vision for cleaner air from better mobility, and we have a mission of building a next-generation electric motorcycle brand, technology, and talent-base straight out of Singapore for the World.

Since we announced our plans to build the “Tesla of motorcycles for Asia”, multiple media houses have covered our story of pushing forward an electric mobility future. Some of our coverage includes:

- [Channel News Asia](#) videoing our prototype live & in action
- [Tech in Asia](#) and [e27](#) covering our support from our listed parent EuroSports Global
- [Straits Times](#) describing our market opportunity in Southeast Asia
- [Money FM Radio Interview](#) covering our Scorpio Electric Motorcycle

Our team continues to grow rapidly as we push towards getting our next-gen prototypes production-ready. Together with your support, we look forward to making clean air from better mobility a reality for our cities.
1. Head of Engineering

Responsibilities:
- Responsible for overall management of engineering teams in product development, program management and feature roadmaps
- Develop skill sets of the team of engineers and engineering managers
- Lead the overall engineering team in executing engineering R&D
- Liaise with manufacturers to resolve product issues and drive internal roadmap for manufacturing quality

Requirements:
- Degree in Engineering with at least 10 years in electronics or automotive related industries
- Experience in engineering development for products requiring multiple levels of integration
- Expertise with automotive electrical and mechanical systems
- Prior experience with firmware and servers would be plus
- Ability to define overall system and sub-system requirements
- Experienced at projects prioritization based on requirements and internal resources

3 Questions
- Describe previous work experience with running a product engineering roadmap, how and what processes were involved?
- Have you completed some projects from concept to production, and could you describe what was in the product and the thinking behind it?
- Describe your relevant automotive experience, and what market products have you been involved in?

2. Electrical Engineering Manager

Responsibilities:
- Manage electrical engineering systems roadmap for automotive vehicle and IOT devices
- Design and integration of power electronics and motor systems
- Specification and improvement of RF systems and different cellular radios
- Improvement of battery design and electrical drive of e-motorcycle
- Work on signal and communications between electrical components
- Preparing technical analysis and specifications of different electrical sub-systems
- Participate in the QA/QC process in checking electrical systems from manufacturers

Requirements:
- Bachelor Degree in Electrical/Electronic Engineering or equivalent with at least 7 years of experience
- Knowledge in electrical motor control and power electronics
- Experienced in equipment engineering specifications and communication signalling
- Experienced in RF Engineering and radio certification
- Familiar with automotive and industrial standards, electrical codes and practices
- An effective team player with good communication & interpersonal skills

3 Questions
- Could you describe your project experience in designing RF systems?
- Have you worked on firmware and control systems development previously, describe how you have managed the work related to that?
- How would you ensure quality and setup processes in electrical engineering design?
3. Mechanical Engineering Manager

Responsibilities:
- Manage mechanical engineering roadmap for automotive vehicle
- Development of mechanical, hydraulic, structural & kinematical designs for fabrication
- Perform testing on mechanical components for new development or improvement
- Develop, improve and release engineering documents for manufacturing and servicing
- Manage engineering and technological information regarding mechanical systems

Requirements:
- Degree in Mechanical Engineering / Mechatronics Engineering or equivalent with at least 7 years of experience
- Expertise in mechanical design, materials selection and experienced in creating mechanical part drawings
- Knowledge of electromagnetic devices and actuators, hydraulic devices, suspension and automotive mechanics
- Have working knowledge of AutoCAD, SolidWorks, NX or Creo
- Experienced in DFM, DFA, DFS practices and document control

3 Questions
- Could you describe your project experience in designing automotive systems?
- Have you worked on hydraulic and structural systems previously, describe how you have managed the work related to that?
- How would you ensure quality and setup processes in mechanical engineering design?

4. Automotive Systems Simulation Engineer

Responsibilities:
- Design, develop and documenting the development of overall mechanical and electric systems and components, testing and analysing motorcycle parts and system.
- Assembly/disassembly of vehicle components, testing different electro-mechanical sub-systems and meeting with others to review technical and performance issues
- Design of control systems of mechanical systems and sensors using various engineering simulation and CAD
- Defining and running simulations of automotive static and dynamic behaviour, vehicle test cycles and vehicle heat and airflow CFD simulations

Requirements:
- Degree in Mechanical Engineering or related field with at least 3 years of experience designing mechanical electronics and working with CAD tools.
- Experience with Ansys Fluent, Siemens Simcenter, or PTC Mathcad
- Knowledge and experience of control systems design or systems automation

3 Questions
- Describe some major challenging simulations projects that you have done in the past, and what was involved in setting them up?
- Have you created and optimised system level systems, and how did you model the system components?
- What are you most familiar with in automotive systems?

5. Automotive Design Engineer

Responsibilities:
- Design and development of branding styles and product lines.
- Create automotive design concepts and ideas, that will work effectively in the market
- Design of mechanical drawings and using various engineering CAD tools
- Pick components for styling and finishing of the prototype to final vehicle
- Transform consumer insights into real products fulfil the needs of customers

Requirements:
- Degree in Mechanical Engineering or related field with at least 1-2 years of experience designing and working with CAD tools.
- Experience with product and styling design with a current portfolio
- Experience with design process from ideation through to production

3 Questions
- Could you describe your experience with automotive vehicles?
- Describe your design process with any project from conception to drawing?
- What are your considerations in designing a product that would appeal to consumers?

6. Electrical Design Engineer

Responsibilities:
- Design and integration of PCB components and power electronics
- Prepare fabrication PCB drawings, manufacturing data, Gerber files
- Create drawings using Cadence Allegro, Altium Designer, Autodesk Eagle or equivalent
- Experienced in RF Engineering and radio certification
- Work on signal and communications between electrical components
- Preparing technical analysis and specifications of different electrical sub-systems
- Participate in the QA/QC process in checking electrical systems from manufacturers

Requirements:
- Bachelor Degree in Electrical/Power Engineering or equivalent with at least 1-2 years of experience
- Knowledge of PCB design and CAN bus protocols
- Knowledge in electrical motor control and power electronics
- Experienced in equipment engineering specifications and communication signalling
- Familiar with automotive and industrial standards, electrical codes and practices
- An effective team player with good communication & interpersonal skills

3 Questions
- Could you describe your experience in designing PCB circuits and communication protocols?
- Have you worked on ensuring CE compliance or any RF certifications for your PCB designs?
- How would you ensure quality and setup processes in electrical engineering design?
7. Frontend Web and Mobile Developer

Responsibilities:
- Responsible for developing front end web portals and mobile applications to meet product infrastructure and customer needs
- Knowledge of ReactJS, ReactNative, Angular or other mobile application frameworks
- Develop JS, online CMS, PHP code for web server on cloud server, and improve our service through ongoing feature development
- Recommend, deploy and maintain mobile applications and front end web sites

Requirements:
- Degree in Computer Science/IT or equivalent
- More than 3 years of working experience in front-end development
- Proficient with mobile development
- Proficient with HTML, CSS and other web development frameworks

3 Questions
- Could you describe your project experience in creating frontend interface, and what programming tools have you used previously?
- Have you worked on larger scale software projects, and have you been involved in structuring web objects and functions?
- How would you design for application loading and computation efficiency in web and mobile frontend design?

8. Data Scientist

Responsibilities:
- Handle data analysis, including quantitative and qualitative analyses to elevate customer experience with usage of automotive products
- Responsible for developing data analysis applications for heuristic development
- Analyse statistical data and trends to create advanced automotive algorithms
- Create data models for physical products in cooperation with hardware teams, and improve data sets and data polling strategy
- Determine data collection, storage and destruction requirements for machine learning

Requirements:
- Degree in Computer Science, Computer Engineering, IT or equivalent
- More than 2 years of working experience in data analysis
- Proficient with Linux servers, C, Python, MySQL, other scripting languages and databases
- Experience with python-scikit or other machine learning frameworks

3 Questions
- Could you describe your experience with programming tools and machine learning?
- Have you worked on larger data sets, and what insights have you found from data analysis?
- How would you look at analysis efficiency in machine learning algorithms?
Send your resumes stating the selected Job Title in your email header to:

hiring@scorpioelectric.io