

Help to Solve  
the Mystery of Life.

**And Much More.**



# Make the  
impossible  
possible

We are looking for you as

## Mechanical Engineer (Division Components)

Location: Shanghai

Headcount: 2

To dedicate to construction design for precision motion and position control system, as a forward-looking designer to clarify the direction of product R&D sector

### Your Responsibilities:

- Take ownership of the design and development of mechanical components and assemblies, ensuring functionality, cost-effectiveness, weight optimization, and manufacturability.
- Create and maintain precise CAD models, technical drawings, and bills of materials, implementing design changes in a controlled and traceable manner.
- Coordinate development tasks within the mechanical domain, evaluate design outcomes, and initiate continuous improvements in line with project objectives.
- Support supplier evaluation and monitor development progress to ensure compliance with specifications, standards, and safety guidelines.
- Prepare, manage, and maintain technical documentation, ensuring adherence to relevant quality and regulatory requirements.
- Collaborate closely with cross-functional teams, ensuring seamless integration of mechanical systems into the overall product architecture.
- Ensuring quality by adhering to quality standards and further developing methods and processes.

### Your Profile:

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The future awaits you – at PI

You want to join a company that makes the impossible possible? Then we look forward to your application and a statement about your salary expectations.

Your contact at PI

**Ben Tian**

Phone +86-21-5187 9298

Email: [job@pi-china.cn](mailto:job@pi-china.cn)

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- Master degree or above in Mechanical Engineering, Mechatronics, or related discipline;
- Graduates from national key universities are preferred;
- Fluent English skills, both written and spoken.
- Proven experience in mechanical design and development, preferably in the development of complex mechatronic products.
- Proficiency in CAD tools (e.g., SolidWorks, Creo, CATIA) and knowledge of FEM analysis or simulation tools is an advantage.
- Methodological competence, e.g. in Design for X methods.
- Analytical and structured thinking and working style.
- Strong ability to manage tasks, priorities, and interdisciplinary interfaces in a structured manner.
- High quality awareness and commitment to continuous improvement in methods and processes.
- Strong communication skills for effective collaboration with project members and external teams
- Experience in air bearing design is preferred;

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