



Job Vacancy - Mechanical Engineer - Microfluidics

We are looking for a Mechanical Engineer, ideally with relevant industry experience, to develop a portfolio of new printing products that will enable advanced digital manufacturing to be delivered at scale in a range of industry sectors.

We are looking for a hands-on engineer with a passion for practical product development and a willingness to work in a fast-paced and dynamic development environment. We value individuals who can demonstrate aptitude for practical development (in the lab) and can span multiple disciplines to translate from technology to product and scaled-up manufacture.

We look for bright, hard-working people who are not afraid to push the boundaries of technology development and are motivated by a growing start-up environment. You will be expected to interact with many disciplines and external agencies and you must be comfortable in a dynamic and agile working environment. We are looking for:

- Smart-thinking individuals who inspire and create positive change
- Team player able to build strong working relationships across disciplines and with both internal and external stakeholders
- Diversity of both people and perspective
- An ability to innovate beyond conventional boundaries
- The commitment and belief to deliver against high expectations

We are looking for the following technical skills, experience and capabilities:

- Microfluidic system design
- Piezoelectric actuator design
- MEMs fabrication experience
- Mechanical design, including Solidworks CAD, rapid prototyping and design for manufacture
- Flow physics – liquids, solids and complex fluids
- Advanced materials – materials for microfluidic systems

Preferred candidates will have the following experience:

- 5+ year's work experience in relevant industrial sectors / technical consulting / university R&D roles / ink-jet industry
- Strong lab and debugging skills for new system testing and characterization
- Have owned system design and worked in cross-functional teams
- Familiar with collaborating with contract manufacturers.

Preferred qualifications:

- Honours degree from a recognised university
- PhD or higher qualification in a relevant discipline

Salary:

We offer a competitive salary including a benefits package of 24 days' annual leave, medical insurance and pension fund contributions.

To apply for this position, please send your application including a CV and covering letter to Penny Martin – pmartin@alchemietechnology.com