



Senior Consultant - Engineering Design (with software)

5-month contract with an option to join on a permanent basis

Reports to: Sector lead Healthcare

Location: London

Summary

You will be project managing as well as delivering with other consultants medical device development projects involving design refinement, development, testing and specification for manufacture.

Your background in physics, electrical engineering, microelectronics, or semiconductor material science & engineering or integrated circuit design & manufacturing will be of importance to achieve a successful outcome.

Key Responsibilities & Accountabilities

- Project management, working to quality management systems such as ISO13485 and 21CFR820; risk management to ISO14971; design control; compilation of design history file; verification and validation; trials support
- Manage the client relationship
- Identify and resolve issues
- Deliver technical work particularly in the fields of software, electronics and/or control systems and/or mechanical design
- Support other consultants with fieldwork, data analysis, reporting and presentations

Requirements

Minimum requirements include:

- A degree in physics, electrical engineering, microelectronics, or semiconductor material science & engineering or integrated circuit design & manufacturing or a related field
- 7 years+ expertise in the areas of electronic control systems, semiconductor fabrication or integrated circuit design
- Familiarity with a range of industrial applications and test and evaluation methods
- Excellent written and verbal presentation skills
- Experience of managing projects and the work of others
- Ability to self-manage; maintaining flexibility and organisation to meet deadlines
- Excellent verbal and written communication skills with an ability to prepare high quality technical documentation

Ideally you also have experience in the following areas:

- Ability to come up to speed quickly on relevant industry and/or technical knowledge
- Experience of risk management / ISO14971
- Familiarity with quality systems and MDR
- Experience writing protocols and test methods to high technical standards
- Proposal writing experience
- Experience in human factors for the design and development of drug delivery devices and demonstrated ability to understand and comply with applicable regulatory pathways for human factors in medical device development
- Engagement with professional community
- Professional memberships such as IET, ACM, IEEE or equivalent

- A significant record of publication

PDD

PDD is a design and innovation consultancy creating physical and digital products and experiences that drive our client businesses and delight their customers and users. We have been winning awards and serving our long-standing clients since 1980.

With studios in London, Hong Kong, Shanghai and Boston, and working in 6 continents, our experienced managers and talented researchers, designers and engineers help companies in the Medical & Healthcare, Consumer and Industrial & Commercial sectors to grow their businesses through innovation.

We ensure that product and experience solutions are successful by ensuring they are appealing to customers, are feasible and viable for clients to make and are responsible given regulation, society and the environment. Such success creates our future- and it's this sustainable 'win-all-round' business model that excites us- we call it 'Meaningful Innovation'.

We are committed to a workplace environment that promotes diversity across all our studios and this applies to the talent we hire, the customers we work with and the people we interact with on our projects. We offer competitive compensation, a range of excellent benefits and opportunities for international travel. Working with us also opens up new networking opportunities and a chance to engage with colleagues at social events.

To apply for this position, please email careers@pddinnovation.com with a cover letter, your CV and portfolio, if applicable.

We look forward to hearing from you.

PDD Talent Management