Process Development Engineer - Mechanical

Job Reference: PDE Location: Carlsbad, CA

Posted: April 2024 Weekly Hours: 40

# **The Role**

DNA Electronics (DNAe) is a dynamic company integrating cutting edge sequencing technologies with novel biochemical techniques to create a revolutionary sample-to-answer sequencing platform. We are seeking a strong individual to contribute to the DNAe team. The qualified candidate will be responsible for developing and characterizing production

processes for product scale-up and technology transfer from R&D into manufacturing. This role will

support senior level engineers in process development activities to help meet program timelines and

team deliverables.

# **Responsibilities:**

* Complete assigned tasks with minimal supervision, sufficiently document work performed,

generate data, calculate, and analyze results.

* Design and execute controlled experiments to optimize processes to achieve commercial levels

of stability, robustness, and performance.

* Collaborate cross-functionally with research and development, sales, marketing, supply chain,

quality, and manufacturing teams to define technical requirements, prepare documentation, and

assist in root cause investigations.

* Participate in risk assessments, contribute to written reports, and create specification documents.
* Analyze manufacturing performance trend data to provide guidance on improvements and cost

reduction activities.

* 15-25% Domestic travel required.
* Other duties as assigned.

# **Person Specification**

We are looking for people with a passion for their work - people who strive for exceptional results, but who can deliver pragmatic solutions on time. DNA Electronics’ scientists and engineers enjoy and thrive on working in an interdisciplinary team but can also work independently and use their own initiative.

# Qualifications & Experience:

* Bachelors of Engineering or Science and 3 years’ experience or Masters of Engineering/Science and 1 years’ experience.
* Proficiency with Microsoft Office Suite (MS Word, Excel, PowerPoint, etc) and 3D modeling software (SolidWorks, Inventor, etc).
* Familiar with data analysis software such as JMP, Minitab, etc.
* Work experience designing assembly and inspection fixtures is required.
* Demonstrate the ability to execute assembly instructions and process validation documentation.
* Demonstrate the ability to think critically with excellent problem solving and troubleshoot independently.
* Experience with characterization techniques such as microscopy, metrology, peel/pierce testing, pressure/vacuum testing, etc.
* Work experience in medical devices or pharmaceutical regulated environment (i.e. ISO 13485).
* This role requires working on-site during normal operating hours and within a regulated, manufacturing environment. Personnel are required to follow standard operating procedures (SOPs) and remain compliant with instituted safety procedures.

# Location

DNAe Carlsbad, California

# Apply

If you believe you meet the above criteria and would relish playing a key role in developing revolutionary technology, we would be delighted to hear from you.

We offer a competitive compensation package to successful candidates.

Please email your CV and cover letter to: [HR-US@dnae.com](mailto:HR-US@dnae.com%20) quoting

**Your name and the** **job title** in the subject line.

For more information about DNAe, please visit our website [www.dnae.com](http://www.dnae.com)

DNAe is committed to offering staff a competitive remuneration package, alongside compelling benefits. As the primary part of the process, we conduct a rigorous market data review where each role is individually benchmarked using a vast amount of recent data. The estimated base salary range for the Process Development Engineer role based in Carlsbad, California is: $88,830 to $98,700. Compensation decisions are dependent on several factors including, but not limited to, an individual’s qualifications, location where the role is to be performed, internal equity, and alignment with market data. Should the level or location of the role change during the hiring process, the applicable salary range may be updated accordingly.

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