

# SR. MANUFACTURING DEVELOPMENT ENGINEER (GCN) 2022

(New product development engineering oriented)

DEPARTMENT:

TERRITORY:

LOCATION:

Engineering

China

Dongguan, China (Humen)

## COMPANY DESCRIPTION:

Global Interconnect, Inc. (GII) is a US-Asia based engineering, supply chain and manufacturing firm with large growth goals. Our primary focus is innovating within the connector, cable, and electro-mechanical assembly market specifically for medical devices by partnering with large medical OEMs to produce significant business outcomes.

## PRINCIPAL ACTIVITIES / RESPONSIBILITIES:

- Perform preliminary manufacturing feasibility reviews for new products as well as design enhancement for cost reduction and improved product reliability per Design Engineering, Sales and Marketing requests relative to customer requirements
- Aid in the design of new products for manufacturability, reliability and by creating SolidWorks 3D models, drawings and other related specifications
- Conduct manufacturing process reviews for risk assessments, including improved assembly methods and equipment to align with best practices and reduce risk in a volume manufacturing environment.
- Perform manufacturing verification & validation activities including PFMEA (Process Failure Mod Effects Analysis), IQ, OQ and PQ as well as measurement, test and report creation
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- Work closely with manufacturing partners to develop best methods for cost effective and quality focused manufacturing. This includes tool, fixture and test equipment design and validation
- Establish test specification plan for product reliability and validation testing;
- Review engineering verification samples, documents and test reports for customer approval
- Provide design/manufacturing support for product modifications and/or extensions
- Respond to customer complaints on manufacturing related issues



**GLOBAL  
INTERCONNECT**  
*Single-Use Connector Specialists*

### Global Interconnect, Inc. USA

11 Jonathan Bourne Drive  
Pocasset, Massachusetts, USA 02559

Telephone: 1-508-563-6306

### Global Interconnect (HK) Ltd.

12103 Fortune Commercial Building,  
362 Sha Tsuen Wan, N.T., Hong Kong

Telephone: 852-3690-1482

[www.globalinterconnect.com](http://www.globalinterconnect.com)

## JOB REQUIREMENTS:

- University Degree in Mechanical or Industrial / Manufacturing Engineering or equivalent
- Medical cable assembly manufacturing technologies, background in medical device/accessories is preferred
- Electro-mechanical engineering experience
- 8 years min. engineering experience
- Proficiency 3D CAD modeling (Preferably SolidWorks) AutoCad experience is a Plus
- Drawing and dimensioning under ASME Y14 standard or similar
- English fluency. Must be excellent in reading, writing, listening and speaking
- Experience in product verification and validation testing and report creation
- Self-motivated. Proactive
- Experience working under ISO 9001 and ISO 13485
- Understanding of assessing risks and risk mitigation, manufacturing engineering processes, tooling, plastic molding as well as metal machining and stamping techniques
- Must possess cross functional skills to communicate with other team members.
- Have an attitude of collaboration with other engineers and a willingness to brainstorm ideas.



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## COMPANY CULTURE:

GII consists of highly motivated individuals who take initiative and go above and beyond each day to help their customers and colleagues be successful. We are understanding and empathetic to the challenges of life and strive to give our employees the flexibility to achieve the ideal work-life balance.

## OUR CORE VALUES:

- Create Fun
- Build A Positive Team
- Embrace and Drive Change
- Pursue Growth and Learning
- Do More With Less
- Communication Is King