Becton Dickinson EMI Operations Summer Internship

POSITION INFORMATION
ID 827169
Employer BD (Becton, Dickinson & Company)
Division N/A
Title Becton Dickinson EMI Operations Summer Internship
Position Type Internship (Full-time/Paid)
Duration 12 weeks-Summer
Qualification • Bachelors or Masters Degree candidate who has completed at least three years of study in one of the following fields: Biomedical, Mechanical, Industrial, or Electrical Engineering (or related).
• The successful candidate will have strong communication and organizational skills, with potential interest in Engineering Project Management or Manufacturing Operations.
• Candidate should have working knowledge of Design for Manufacturing and Assembly principals. Knowledge of the Boothroyd Dewhurst methodology is a plus (but not required). BD will provide some on-the-job training.
• Candidate should have basic understanding of a CAD package (Solidworks preferred). Although this is not an engineering-design internship, a basic understanding of CAD systems, files, and concepts will be key to success.
• Working knowledge of, or strong interest in, medical device manufacturing and the product development process is a must.

Description Internship Summary
The EMI Operations intern will be part of an exciting initiative to improve operational efficiency through application of DFx (Development Design for Excellence), manufacturing process technology (factory robotics and inventory controls), and Value Analysis/Value Engineering. This internship will provide opportunities to work closely with representatives from R&D, manufacturing engineering, quality, regulatory, production planning, and program management, in a fast paced and motivating atmosphere.

Company Background
Becton Dickinson and Company (BD) is a leading global medical technology company that partners with our customers and stakeholders to address many of the world’s most pressing and evolving health needs. With over 40,000 Associates in 190 countries, we have a wide range of product offerings which include: medical disposables, clinical diagnostic systems, infusion pumps, surgical equipment, automated lab equipment, and medical supply management systems.

HOW TO APPLY
Requested Documents: Resume

IMPORTANT DATES
Posted On: Apr 25, 2017
Applications Accepted Until: May 31, 2017

DEFAULT EMAIL FOR RESUMES
David.Trieu@bd.com
The BD Electromechanical and Instrumentation (EMI) Operations team is looking for one summer intern to support active projects between the R&D Engineering Organization and Operations/Manufacturing. The BD EMI Operations group is located in San Diego, and has four areas of focus:
1. Long-term manufacturing strategy for BD EMI products
2. Manufacturing process technology research and implementation supporting EMI products
3. Design for Manufacturing, Assembly, Cost, and Reliability strategy
4. Value Analysis and Value Engineering projects supporting continuous improvement of EMI products

Intern Responsibilities:
1. Leverage Boothroyd Dewhurst Design for Manufacture and Assembly (DFMA) software to quantify assembly complexity and create cost models for a series of medical EMI products (software training will be provided)
2. Assist with DFMA focused tear-down sessions to identify improvement opportunities on new and existing instruments.
3. Assist with the simulation and analysis of Factory of the Future (FoF) proposals focused on integration of new manufacturing process technology at EMI manufacturing sites.
4. Work with Operations Engineers to define user requirements and build business cases for implementation of new process technology.
5. Assist with the project management of Value Analysis and Value Engineering projects supporting continuous improvement of sustaining EMI products.

Salary Level
- Internship will provide an hourly wage appropriate for the skill level required.
- Relocation or housing assistance will unfortunately not be provided.

Location
- Nationwide
- San Diego, California
- United States

Approximate Hours Per Week
- 40

Travel Percentage
- < 10% Travel

Job Function
- Biomedical, Engineering, Project Management