



Kevin Devlin

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Biomedical Design and 3D printing Design Engineer with five years' experience in the medical device industry. Extensive experience and knowledge of CAD software, quality control and regulations, and device design control. I lead teams on a variety of projects and design of orthopedic implants with surgeons and medical device manufactures, developing innovative and novel solutions for specialized surgery.

Skills

- 3D CAD: SolidWorks®, Geomagic FreeForm®, Geomagic Design X®, Materialise Magics®
- Adobe InDesign® & Photoshop®
- Microsoft Office: Word®, Excel®, PowerPoint®, and Outlook®
- Design for Manufacturing (DFM/DFA)

Experience

OCT. 2014 – PRESENT

Biomedical Designer / 3D Systems, Littleton, Colorado

- Modeling and manufacturing of 3D printed patient-specific surgical aids.
- Utilized and manipulated virtual 3D anatomy, generated from CT Scans, with CAD software.
- Designed patient-specific custom implants for TMJ, Foot-Ankle, and other musculoskeletal anatomies that require orthopedic surgery.
- Hosted meetings with surgeon(s) to discuss desired implant shape/size, plan screw and nail projections through bone, and marking guide(s) for osteotomy.
- Worked in association with orthopedic implant companies to virtually plan and provide optimized custom surgical implants.
- Generated detailed Case Reports of surgery with cephalological movements and post-operative images with associated guides and implants required for surgery.

Education

MAY 2013

Bachelor of Science, Biomedical Engineering / Florida Gulf Coast University, Fort Myers, Florida

Major Fields of study: Design for Manufacturing, Engineering Entrepreneurship, Mechanics of Materials, Statics & Dynamics, Product Design

References

Available Upon Request