Daniel Sisson Greenwood IN (317) 441-9222 daniel.sisson@live.com

Education:

Software Development Coding Bootcamp Columbia University Dec 2024 – June 2025
• Analyzed and implemented full stack web apps using HTML, CSS, Javascript, Typescript, Node, SQL, React, and Python

Biomedical Engineering Purdue University Aug 2009 – May 2013

Previous Experience:

Helmer Scientific
Quality Engineer Jan 2024 – Current
• Performed studies and tests to determine and implement best manufacturing processes.
• Developed software solutions for documenting and visualizing quality metrics.
• Qualified incoming parts using inspection fixturing and equipment.

Cooper Surgical (Short Term Contract)
Quality Assurance Specialist May 2023 – November 2023
• Developed Design Control and Risk Assessment documentation - including DIOVV and FMEA
• Coordinated and designed Design Verification Testing for transit testing
• Created Manufacturing and Incoming Quality Specifications

Beckman Coulter
Quality Assurance Engineer April 2017 – April 2023
• Investigated process capability and directed process improvement actions over multiple product lines.
• Performed regular audits of quality documents and processes.
• Drove problem solving at component supplier sites to reduce non-conforming material.
• Managed supplier quality relations for all centrifuge value streams.
• Led a cross-functional team to reduce both assembly and supplier quality non-conformances.
• Developed processes and documentation and acted as Subject Matter Expert for the launch of a new Quality Management System software environment.

CRI Medical (Formerly Catheter Research Inc., Acquired by Biomerics in 2018)
Product Development Engineer May 2015 – February 2017
• Acted as project manager for contract manufacturing projects for both startups and Fortune 500 companies.
• Served as lead development engineer for class II and class III medical devices.
• Performed design verification, design validation, and process validation activities – including writing protocols, performing testing, and reporting.
• Collaborated with contract customers to share design control responsibilities by developing Design History Files and associated documents and consulting when design modifications were required.

Zimmer-Biomet (Short Term Contract)
Development Engineer January 2014 – May 2015
• Worked with a multidisciplinary team to ensure existing Total Knee Replacement and Revision products complied with design requirements.
• Remediated DHFs to align them with an FDA 21 CFR 820 and ISO 13485 compliant QSR.
• Led Design Review sessions in which product and documentation resolutions were agreed upon. •