**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.

• Contributed to creating, reviewing, and revising Design Control documentation – including Traceability Matrices, FMEAs, and Design Verification Reports.