

School: 5500 Wabash Ave., CM 832, Terre Haute, IN 47803
 Home: 1704 Bluebird Drive, Mahomet IL 61853

EDUCATION

Bachelor of Science, Biomedical Engineering
 Rose-Hulman Institute of Technology

GPA: 3.50/4.00
 Estimated Graduation: May 2021

SKILLS

Quality/Manufacturing: gage R&Rs, PFMEA, six sigma, reading routers/BOMs/work instructions, change management system/change notices, and lean manufacturing (5S)
Circuitry: Comparator, Thermocouple, High and Low and Bandpass Filters, Op-amps
Microsoft Office: Visio, Word, PowerPoint, Excel, OneNote and Outlook
Computer: Matlab, LabVIEW, Minitab, Solidworks (CAD), R Studio, Python
Laboratory and Machining: Oscilloscope, Centrifuge, Soldering, Breadboard

EXPERIENCE

OLDP Intern, Siemens Healthineers

June 2020 – August 2020

- Intern for Operations Leadership Development Program, specifically in Quality Control group
- Created process flow diagrams for the high sensitivity cardiac Troponin I detection device final release testing procedures (calibration, trueness and precision, and wetting time) and urine analysis reagents instrumental testing procedures
- Analyzed testing data using Minitab and six sigma method by creating efficient control charts (established control limits) for trending analysis of the data

Quality Engineering Co-op, Zimmer Biomet

March 2019 – July 2019

- Developed 14 process specific Visual Aids for a Corrective and Preventative Action (CAPA) response to an FDA 483 finding that integrate the campus defect codes, by updating the nonconformance product reporting procedure to yield consistent defect coding of Nonconformance Reports (NCRs)
- Participated in the front room of an internal PAREXEL audit
- Consolidated and revised 20 In-Process Inspection Criteria's by aligning product identification and features with the part prints, measurement methods, sample plans, etc. for continuous improvement projects
- Conducted a Gage Repeatability & Reproducibility (Gage R&R) for Extremities tools
- Implemented a new Standard of Procedures (SOP) involving Sampling Methods and training team members on revised sampling plans
- Established Variable Acceptance Limits (VALs) for operations by analyzing process monitoring data in Minitab for pouch and blister tray sealing
- Lead a lean manufacturing project for packaging room using 5S method

Engineering Design Studio

August 2017 – May 2018

- Designed tools for local, disabled children and adults for multiple projects by creating enhancing products for the clients using CAD software, Solidworks

VOLUNTEER ACTIVITIES

Trees Inc. Planting Day
 Indiana Special Olympics
 Wings for Wishes
 Run for Wishes

November 2019
May 2018, 2019
March 2018, 2019
September 2017

ORGANIZATIONS

Rose-Hulman Institute of Technology

- Student Athletic Advisory Committee *August 2018-2019*
- Rose-Hulman Varsity Volleyball Team (HCAC), *Captain August 2017- October 2019*
- Chi Omega Fraternity- Gamma Lambda Chapter, *Social Media Chair 2017-Present*