

# Rasean Hyligar

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## Education

**University of Illinois at Chicago (UIC)**

**May 2021**

Bachelor of Science in Bioengineering

## Skills

MATLAB, C++, Arduino, 3D Printing, Laser Cutting, AutoCAD, Instron, ESD, Robotics, Technical Writing

## Experience

**Systems Engineer – Baxter International Healthcare**

**February 2022 to November 2023**

- Product Risk Management Owner – Championed risk management initiatives, conducted FMEA's, contributed to PLM, mitigated part shortages saving \$1M+ through optimizing supplier selection
- Played a pivotal role in resolving a persistent system error that had affected the company for 2+ years through meticulous laboratory analysis
- Initiated and organized an investigation team to successfully address and close non-conformance reports (NCRs)
- Simultaneously managed multiple non-conformance records ensuring a comprehensive resolution
- Orchestrated seamless collaboration across diverse teams by streamlining activities and optimizing efficiency
- Collaborated closely with clinical, quality, regulatory, and other SME's to meticulously update hazardous situation and harm analysis (HSHA) and risk documents to ensure up-to-date safety assessments
- Teamed up with software department to proactively address and resolve fielded product complaints and issues which contributed to increased customer satisfaction
- Directly and actively participated in critical activities during the company spin-off process including labeling, risk management, and ensuring uninterrupted supply chains.
- Led and conducted cross departmental meetings to enhance communication, foster collaboration, and align goals across diverse teams
- Executed comprehensive software testing procedures on PD cyclers to ensure optimal functionality and contribute to overall quality assurance process

**Engineering Technician – Baxter International Healthcare**

**July 2021 to February 2022**

- Utilized ELN (Electronic Lab Notebook) for streamlined procedural documentation and data acquisition
- Conducted FRA (Flow Rate Accuracy) tests to ensure precise fluid infusion levels
- Programmed UR Robots for thorough and automated feasibility and reliability testing
- Directly observed and operated Highly Accelerated Lifecycle Testing (H.A.L.T.) chamber
- Utilized Wireshark commands to capture and analyze network packets
- Completed ESD (Electrostatic Discharge) testing to guarantee operational integrity of infusion pumps

**Quality Control Technician – Fareva,**

**June 2019 to July 2021**

- Conducted aseptic testing of raw ingredients and finished goods in strict accordance with cGMP/cGLP guidelines
- Assisted in approving FDA-regulated documentation to ensure compliance with S.O.T.A regulatory standards
- Contributed to the revision of company SOPs to enhance cGMP compliance and elevate standard of quality

## Engineering Projects

**A Device to Prevent Plagiocephaly**

**August 2019 to May 2020**

- Conducted thorough patent searches, FDA code lookups and market research to inform strategic decision making
- Optimized resource allocation and achieved objectives within 80% of allocated budget
- Applied Six Sigma concepts and Engineering Design Cycle to enhance cost efficiency and functionality