

Harrison Wilkerson

Junior Manufacturing Engineer

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STRENGTHS

- ⚡ Adaptable Problem Solver**
Quickly resolved manufacturing-related challenges in high-pressure environments, boosting team performance during critical projects.
- 🛡️ GMP Focused**
Ensured full regulatory compliance in every step of project development, gaining trust from multidisciplinary professionals working together.
- 👥 Collaborative Team Player**
Actively engaged in knowledge sharing within diverse teams, fostering a culture of continuous learning and mutual support.
- 💬 Effective Communicator**
Transmitted complex ideas simply to stakeholders, establishing clear paths toward enhanced workflow integration and problem resolutions.
- ✅ Detail Oriented**
Focused on precision in maintaining BMRs and SOPs, capturing vital information essential for compliance and product quality assurance.

SKILLS

- GMP Compliance
- Process Validation
- Troubleshooting
- Batch Manufacturing Records
- Lean Manufacturing Six Sigma
- Data Analysis Team Collaboration
- Change Control CAPA Activities
- Equipment Qualification

SUMMARY

Recent graduate with a Bachelor's degree in Biomedical Engineering and hands-on experience through academic projects and internships. Skilled in process validation, troubleshooting, and ensuring compliance with GMP regulations. Demonstrated strong analytical and problem-solving abilities in collaborative settings across multi-disciplinary teams. Committed to contributing effectively to continuous improvement initiatives within the life sciences sector. Experience in preparing Batch Manufacturing Records (BMRs) and Standard Operating Procedures (SOPs) underscores readiness for tackling challenges and driving innovation in pharmaceutical manufacturing.

EXPERIENCE

Biomedical Engineering Intern

University Project 📅 January 2026 - July 2026 📍 Philadelphia, PA

Supported development of novel drug formulations and optimization of manufacturing processes while ensuring adherence to GMP standards.

- Collaborated with faculty and peers on experiments to ensure product integrity in compliance with regulatory guidelines.
- Prepared and reviewed Batch Manufacturing Records (BMRs) and Standard Operating Procedures (SOPs), contributing to process documentation.
- Troubleshoot various manufacturing issues promptly, improving overall project efficiency.
- Helped validate laboratory equipment by following documented protocols such as IQ/OQ/PQ, enhancing operational capacity.
- Coordinated change control and CAPA activities, fostering organizational compliance with regulatory frameworks.

Student Research Assistant

University Research Lab 📅 September 2025 - December 2025 📍 Philadelphia, PA

Assisted in research focusing on quality systems in pharmaceutical manufacturing, exploring Lean Manufacturing concepts and practice applications.

- Engaged in data analysis and documentation, strengthening experimental procedures and outcomes understanding.
- Participated in weekly team meetings, fostering collaboration on regulatory compliance topics and laboratory practices enhancements.
- Presented research findings at a university symposium, receiving acclaim for contribution from peers and faculty.
- Developed comprehensive reports that provided insightful recommendations shared across departments for future reference.

LEADERSHIP & AWARDS

- Dean's List, University of Pennsylvania (2024-2026)
- Recipient of the Engineering Excellence Scholarship (2025)

EDUCATION

Bachelor's Degree in Biomedical Engineering

University of Pennsylvania 📅 GPA: 3.8 📅 2026 📍 Philadelphia, PA

Coursework: Biomaterials, Process Control, Quality Systems, Pharmaceutical Engineering

Quality Systems	Analytical Skills
1. ISO 9001:2015 2. ISO 14001:2015 3. ISO 45001:2018 4. ISO 26000:2006 5. ISO 50001:2011 6. ISO 27001:2017 7. ISO 28000:2007 8. ISO 31000:2017 9. ISO 34000:2016 10. ISO 37001:2017 11. ISO 38000:2015 12. ISO 39000:2013 13. ISO 40000:2015 14. ISO 41001:2017 15. ISO 43000:2015 16. ISO 44001:2017 17. ISO 45000:2015 18. ISO 46000:2015 19. ISO 47001:2017 20. ISO 48000:2015 21. ISO 49001:2017 22. ISO 50000:2015 23. ISO 51001:2017 24. ISO 52000:2015 25. ISO 53001:2017 26. ISO 54000:2015 27. ISO 55001:2017 28. ISO 56000:2015 29. ISO 57001:2017 30. ISO 58000:2015 31. ISO 59001:2017 32. ISO 60000:2015 33. ISO 61001:2017 34. ISO 62000:2015 35. ISO 63001:2017 36. ISO 64000:2015 37. ISO 65001:2017 38. ISO 66000:2015 39. ISO 67001:2017 40. ISO 68000:2015 41. ISO 69001:2017 42. ISO 70000:2015 43. ISO 71001:2017 44. ISO 72000:2015 45. ISO 73001:2017 46. ISO 74000:2015 47. ISO 75001:2017 48. ISO 76000:2015 49. ISO 77001:2017 50. ISO 78000:2015 51. ISO 79001:2017 52. ISO 80000:2015 53. ISO 81001:2017 54. ISO 82000:2015 55. ISO 83001:2017 56. ISO 84000:2015 57. ISO 85001:2017 58. ISO 86000:2015 59. ISO 87001:2017 60. ISO 88000:2015 61. ISO 89001:2017 62. ISO 90000:2015 63. ISO 91001:2017 64. ISO 92000:2015 65. ISO 93001:2017 66. ISO 94000:2015 67. ISO 95001:2017 68. ISO 96000:2015 69. ISO 97001:2017 70. ISO 98000:2015 71. ISO 99001:2017 72. ISO 100000:2015 73. ISO 101001:2017 74. ISO 102000:2015 75. ISO 103001:2017 76. ISO 104000:2015 77. ISO 105001:2017 78. ISO 106000:2015 79. ISO 107001:2017 80. ISO 108000:2015 81. ISO 109001:2017 82. ISO 110000:2015 83. ISO 111001:2017 84. ISO 112000:2015 85. ISO 113001:2017 86. ISO 114000:2015 87. ISO 115001:2017 88. ISO 116000:2015 89. ISO 117001:2017 90. ISO 118000:2015 91. ISO 119001:2017 92. ISO 120000:2015 93. ISO 121001:2017 94. ISO 122000:2015 95. ISO 123001:2017 96. ISO 124000:2015 97. ISO 125001:2017 98. ISO 126000:2015 99. ISO 127001:2017 100. ISO 128000:2015 101. ISO 129001:2017 102. ISO 130000:2015 103. ISO 131001:2017 104. ISO 132000:2015 105. ISO 133001:2017 106. ISO 134000:2015 107. ISO 135001:2017 108. ISO 136000:2015 109. ISO 137001:2017 110. ISO 138000:2015 111. ISO 139001:2017 112. ISO 140000:2015 113. ISO 141001:2017 114. ISO 142000:2015 115. ISO 143001:2017 116. ISO 144000:2015 117. ISO 145001:2017 118. ISO 146000:2015 119. ISO 147001:2017 120. ISO 148000:2015 121. ISO 149001:2017 122. ISO 150000:2015 123. ISO 151001:2017 124. ISO 152000:2015 125. ISO 153001:2017 126. ISO 154000:2015 127. ISO 155001:2017 128. ISO 156000:2015 129. ISO 157001:2017 130. ISO 158000:2015 131. ISO 159001:2017 132. ISO 160000:2015 133. ISO 161001:2017 134. ISO 162000:2015 135. ISO 163001:2017 136. ISO 164000:2015 137. ISO 165001:2017 138. ISO 166000:2015 139. ISO 167001:2017 140. ISO 168000:2015 141. ISO 169001:2017 142. ISO 170000:2015 143. ISO 171001:2017 144. ISO 172000:2015 145. ISO 173001:2017 146. ISO 174000:2015 147. ISO 175001:2017 148. ISO 176000:2015 149. ISO 177001:2017 150. ISO 178000:2015 151. ISO 179001:2017 152. ISO 180000:2015 153. ISO 181001:2017 154. ISO 182000:2015 155. ISO 183001:2017 156. ISO 184000:2015 157. ISO 185001:2017 158. ISO 186000:2015 159. ISO 187001:2017 160. ISO 188000:2015 161. ISO 189001:2017 162. ISO 190000:2015 163. ISO 191001:2017 164. ISO 192000:2015 165. ISO 193001:2017 166. ISO 194000:2015 167. ISO 195001:2017 168. ISO 196000:2015 169. ISO 197001:2017 170. ISO 198000:2015 171. ISO 199001:2017 172. ISO 200000:2015 173. ISO 201001:2017 174. ISO 202000:2015 175. ISO 203001:2017 176. ISO 204000:2015 177. ISO 205001:2017 178. ISO 206000:2015 179. ISO 207001:2017 180. ISO 208000:2015 181. ISO 209001:2017 182. ISO 210000:2015 183. ISO 211001:2017 184. ISO 212000:2015	

Communication Skills

Regulatory Compliance

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



- Biomedical Engineering Intern at University Project (6 Months)
- Student Research Assistant at University Research Lab (3 Months)

CERTIFICATIONS

- Lean Six Sigma Yellow Belt 📅 2026
- GMP Certification - Online Course 📅 2026

TECHNICAL SKILLS

- **Manufacturing Processes:** API Manufacturing, Formulation Processes, Process Validation
- **Quality Assurance Tools:** SOPs, BMRs, CQAs
- **Regulatory Standards:** FDA Regulations, GMP Compliance, ISO Standards
- **Analysis Techniques:** Statistical Analysis, Data Documentation, Experimental Design
- **Continuous Improvement Methodologies:** Lean Manufacturing, Six Sigma Principles, Operational Excellence Practices
- **Project Management Tools:** Trello, Microsoft Project, JIRA
- **Collaboration Platforms:** Microsoft Teams, Slack, Zoom
- **Technical Documentation Software:** Microsoft Office Suite, Google Workspace, Visio
- **Validation Protocols:** IQ, OQ, PQ, CAPA
- **Engineering Software:** MATLAB, SolidWorks, ANSYS

PROFESSIONAL AFFILIATIONS

- Member, Biomedical Engineering Society (2024-Present)
- Volunteer, Engineering Outreach Program (2025)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST