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## PROFESSIONAL SUMMARY

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Manufacturing specialist with a unique educational background in mechanical engineering and interest in design. Will bring experience and passion for connecting teams within the product development lifecycle. Strong focus on process improvement with an emphasis on the user.

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## EDUCATION

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**Massachusetts Institute of Technology** Cambridge, MA  
*B.S. Mechanical Engineering* June 2014

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## EXPERIENCE

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**Omron Microscan** Renton, WA  
*Manufacturing Engineer* January 2021 – March 2023

- Provided manufacturing support during new company acquisition and factory move
- Created documentation and trained staff for all acquired products and processes
- Implement engineering requests and coordinated changes while supporting day-to-day production activities

**Victorian State Department of Transport** Melbourne, Australia  
*Consultant* June 2019 – November 2019

- Developed survey protocol and questionnaire to assess current supply chain capabilities of Victoria in regards to various manufacturing activities and parts needed for rolling stock and buses
- Performed two surveys with 300+ of participants including management of secure data

**Fluke Biomedical** Everett, WA  
*Manufacturing Engineer II* November 2017 – February 2019

- Managed team to reduce external quality defects through weekly team meetings and data analysis
- Reduced DPPM from 7453 to 4942 (33%) over one year of management of this KPI
- Managed year-long design change project to a high running product line that led to reduction in supply chain complexity and resulted in \$35,000 in annual savings
- Managed factory move that required relocating three production cells, a distribution center and 10 offices while maintaining factory operations

*Manufacturing Engineer I* April 2016 – November 2017

- Performed validation on engineering changes using EMI/ESD, environmental, vibration, and drop testing
- Participated in or led 12 kaizens, focused on reducing cycle time, decreasing cost, and removing process waste through implementation of lean manufacturing techniques
- Sustained daily factory activities by coming up with creative solutions related to manufacturing process, mechanical part defects, and cosmetic flaws

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## CONTINUED EDUCATION

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**Machinists Institute Welding Training** July 2023

**ETI Group Lean Six Sigma Green Belt Training** September 2022 - January 2023

**EPTAC Hand Soldering Certification** July 2022  
Wires and Terminals, Through-Hole Soldering and Basic Rework, Lap Solder Joints, Surface Mount Soldering and Basic Rework

**Everett CC Project Management Certification Program** November 2017 – February 2018  
Project Planning And Scheduling, Project Execution And Control, Team Management, Risk Management