

# Lauren Clark

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## EDUCATION

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<b>West Virginia University</b>	Morgantown, WV	Pi Beta Phi
<b>Bachelor of Science</b>	May 2019	Society of Women Engineers
<b>Major: Industrial Engineering</b>	Minor: Communication Studies	GPA: 2.76

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## PROFESSIONAL EXPERIENCE

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**Final Assembly Quality Assurance Engineering Co-Op** *May 2018-August 2018*  
**Altec Industries, Inc.** *Mt. Airy, NC*

- Creation of calibrated tool management system
- Performed product audits to confirm conformity to company and customer standards
- Performed time studies of inspection and testing processes to determine areas of waste caused by tasks done more than once
- Observation and documentation of hydraulic hose crimping procedure. Creation of work instructions for hydraulic hose cell processes
- Observation of production line to determine areas that did not conform to company standard work processes
- Monitoring of warranty reports for trends and creation of field fixes for necessary escaped defects
- Communication with suppliers to feed back defective components

**Quality Assurance Engineering Co-Op** *January 2017-July 2017*  
**Altec Industries, Inc.** *Mt. Airy, NC*

- Established an interim defects per unit process
- Introduced corporate standards to production associates and created and implemented a reference index for said standards
- Modified, standardized, and supervised testing and break-in procedures for an engine-driven generator and compressed air system
- Assisted in component failure analysis
- Learned then educated and trained associates on workmanship expectations
- Facilitated a cause map and root cause analysis investigation for field failures and created solutions to be implemented in field campaign
- Implemented solutions for process nonconformance escapes
- Performed quarterly quality roadmap audits to track progress toward ISO 9001 compliance
- Redesigned large part inventory storage, which led to \$50,000 in storage utilization savings
- Creation of inspection standards and process around product flow to inspection as well as feedback from inspection back to production
- Documentation of product and inspection standards as well as documentation and work instructions for the inspection process

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## LEADERSHIP & CERTIFICATIONS

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Assistant Director of High School Programming	August 2017-May 2018
MountaineerTHON	West Virginia University
Organized and facilitated the first mini Dance Marathon in the state of West Virginia	
Raised over \$3,000 for WVU Medicine Children's Hospital	
Recruitment Processing Chair	May 2018-Current
Pi Beta Phi	West Virginia University
Organization and sorting of Potential New Member information	
Creation of New Member selection program	

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## TECHNICAL SKILLS & PROJECTS

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- Microsoft Office: Word, Excel, PowerPoint, Access
- Statistical Software: JMP
- Production Planning: MRP, BOM, ABC
- Lean: Standard Work, Value Stream Mapping, Kaizen, SMED, Poka-Yoke, 5S
- Statistical Process Control: Sampling Methods, Six Sigma

**Languages** – English: native, French: elementary reading and writing