

# JESSICA GRIFFIN

Senior Quality  
Engineer

## Contact Information

Schenectady, NY

(390) 555-9277

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## Skills

- Facility
- New Equipment
- Sales Floor
- Unit Operations
- Process Plans
- Engineering Support
- Performance Reviews
- Process Engineering
- Communication
- Data Analysis



## Employment History

### Senior Quality Engineer 2020 - Present

General Electric • Schenectady, NY

- Developed a scalable product architecture that minimized customer driven cost of change, thus achieving recurring and non-recurring cost targets.
- Eliminated separate reports from regulatory compliance, regulatory approvals, QA performance creating at-a-glance state of the business for senior leaders.
- Improved 42% process yields by implementing Six Sigma methodology and obtained 21% of Cost of Quality reduction.
- Developed inspection procedures and work instructions.

### Manufacturing Engineer 2019 - 2020

Ford Motor Company • Dearborn, MI

- Completed Six Sigma Green Belt training and finished three projects in assembly and gear manufacturing resulting in \$1.5 million savings.
- Worked with suppliers to reduce prototype and production costs.
- Advanced Manufacturing, New Model Launch, and Product Development
- Lean Development: Created cycle line layouts for 13 assembly lines totaling 333,000 Square Feet.

### Process Engineer 2018 - 2019

Intel • Hudson, MA

- Conducted skews and performed data analysis to understand process sensitivities.
- Served as SAP liaison for hardware budget and acquisition.
- Developed standalone installation program using LabView for complex data analysis, signal processing and data integrity validation.
- Performed complete package/die electrical and physical failure analysis process from start to finish.
- Participated as semiconductor packaging expert on new product development teams.
- Conduct FMEA to eliminate future failures.

### Process Engineer Internship 2017 - 2018

Intel • Hudson, MA

- Established new procedures and qualification plans for new product introduction (NPI).
- Implement response flow checklists and document specs for tool configurations and preventative maintenance procedures.
- Identified and resolved defect and parametric issues using data analysis to reduce downtime and improve yield on a continuous basis.
- Coordinated process startups, module sustaining activities, and the training and design of PM procedures.



## Education

**Bachelor's Degree Business** 2014 - 2017

University of Maryland - College Park • College Park, MD