

Julianne R. Phillips

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Skills & Expertise

Systems Engineering
Product Engineering
Electrical Engineering
Controls Engineering
Process Design
Project Management
Project Planning
Systems Integration
FMEA / DFMEA
Change Management
APQP
Lean Manufacturing
Root Cause Analysis
Continuous Improvement
Supplier Management

Qualifications Summary

Engineering Management / Systems Engineer

Well rounded background in engineering and manufacturing with global automotive suppliers. Strong combination of technical expertise, business savvy, and customer interface skills.

- **Three Engineering Graduate Degrees:** Master of Science in Engineering Management, Masters Certificate (Project Management), and Masters of Science in Engineering.
- **Accomplished in Manufacturing Process Design:** Able to improve quality and productivity.
- **Skilled Project Manager** with a record of orchestrating flawless, on-time launches.
- **Experienced in leading all phases of the project life cycle**, including initiating, planning, executing, monitoring and controlling, and closing.
- **Engineering Team Leader:** Able to lead, supervise and mentor global engineering teams.

"Julia continues to demonstrate a high level of integrity and passion for excellence."

Delphi Performance Review, 2015

"...She impressed me with her ability to handle multiple tasks simultaneously, her organization, her perseverance and tenacity to complete "stretch" assignments."

John Smith Executive Director and Engineering Manager, Delphi Performance Review, 2006

Professional Experience

DELPHI — Auburn Hills, MI — A \$16.5B, global supplier of technologies for automotive markets.

Project Manager 4/2013-Present

Lead global, cross-functional project teams of manufacturing, test, engineering, and commercial team members in the launch of a Ford door control unit and other automotive programs. Manage entire scope of project, from design to manufacturing.

- Led a \$3.9M global Ford door control program, and coordinated 40 international team members at three manufacturing locations and six design centers.
- Managed a \$159K Ford column and pedal program with 20 team members in North America.
- Negotiated an increased piece price after customer changed requirements, resulting in \$4,500 annual cost avoidance on the project.

LEAR CORPORATION — Southfield, MI — A Fortune 500 automotive supplier.

Resident Engineer 1/2011-3/2013 (under contract for the first four months)

Led a team of five resident engineers in on-site electrical and systems engineering support at Ford locations. Supported five Ford programs from prototype through launch, and provided continuing support for systems engineering. Led communication with customer to provide swift problem resolution. Instrumental in hiring, selecting, and training new engineers. Worked as a vehicle systems engineer, testing and troubleshooting complex issues. Primary supplier interface.

- Designed four new scripts for Ford's diagnostic system, allowing less qualified engineers to handle diagnostics and enabling Lear to remotely troubleshoot and resolve problems.
- Collaborated with design team to develop a product simulator for hardware diagnostics, saving up to \$1.7M annually in replacement costs for defective units.

“The high-risk Hyundai program was a major challenge to execute in the compressed time. Julia achieved on on-time, flawless launch... broke new ground in processes and procedures.”

John Smith, Executive Director and Engineering Manager, Delphi, Performance Review, 2006

“Julia willingly took on huge assignments that were not defined when she accepted the controls position. She was vital in the success of the flawless launch.”

David Yandora, Engineering Manager, Delphi, Performance Review 2005

Computer Skills

MS Word

MS Excel

MS PowerPoint

MS Outlook

MS OneNote

MS Visio

MS Project

Ford Diagnostic Engineering Tool (DET)

Vector CANalyzer

Vector CANoe

Experience, Continued

KETTERING UNIVERSITY — Flint, MI

Graduate Student Research Assistant 1/2010-12/2010

- Managed the \$500K installation of the University’s hybrid electrical vehicle lab. Brought the project back on track, delivering on-time installation for the Fall term.

DELPHI — Troy, MI (1997-2009) — A \$16.5B, global supplier of technologies for automotive markets.

Applications Engineer/Project Engineer – Automotive Holdings Group 2005-2009

Developed and managed project plan for control module of a power sliding door and liftgate system. Defined project scope, estimated costs, and managed verification testing, warranty analysis, timelines, and support for electronic software and hardware.

- Coordinated a global team of engineers across multiple groups and divisions to develop a power tailgate control module for Hyundai. Delivered a flawless launch in a compressed, three-month timeline.

Manufacturing & Controls Engineer – Thermal & Interior Systems 2004-2005

Provided electrical engineering support for the installation, launch, and daily maintenance of manufacturing operations for a Just-in-Time (J-I-T) facility.

- Led the installation and launch of complex, J-I-T assembly line that controlled 32 independent stations. Programmed PLC and networking software for all stations.

Education

KETTERING UNIVERSITY — Flint, MI

Masters of Science in Engineering, 2010

- Major in Electrical & Computer Engineering, GPA 4.0

VILLANOVA UNIVERSITY — Villanova, PA

Masters Certificate, Major in Project Management, 2010, GPA 4.0

OAKLAND UNIVERSITY — Rochester, MI

Master of Science in Engineering Management, 2005, GPA 3.56

KETTERING UNIVERSITY (formerly GMI Engineering & Management Institute) — Flint, MI

Bachelor of Science in Electrical Engineering, 2002, GPA 3.5

- Thesis: *“Development of a Cost Effective, Low Risk Method for Extraction of an Ambient Temperature Signal from an Automotive Air Meter.”*

Awards & Publications

Recipient, Delphi Flawless Launch Award, 2006

Finalist, Delphi ICS/CIS/Power Products Global Excellence Award, 2006

Delphi Mentoring Program, 2003 & 2014

Published in the Conference Proceedings for the American Society of Engineering Education, 2011

Published in the Electrical Machine and Coil Winding Association proceedings, 2002

Kettering University President’s Medal, 2002