

NAME
Address
Phone/email address

PROFESSIONAL SUMMARY

Dynamic, resourceful and resilient Electrical Engineering professional with over eight years of automotive experience, in the design and launch of electrical/electronics, powertrain, chassis, and body systems. Recognized professionally and socially as a teacher/mentor, a characteristic leveraged through part-time teaching of electrical engineering/technology topics and volunteer tutoring for local STEM Programs and high schools.

EMPLOYMENT HISTORY

COMPANY XXX - Cleveland, OH

2010 - 2012

Director, Emerging Technologies

Analyzed emerging drivetrain technologies and develop life cycle plans for future product offering for an aftermarket driveline components distributor. Presented recommendations frequently to senior executive staff.

- Developed methodology for tracking and forecasting potential aftermarket opportunities related to new technology powertrain launches
- Established connections with Via Motors and ALTe Powertrain Technologies

COMPANY XXX - Buford, IN

2005 - 2010

Manager, Product Development Team

2007 - 2010

Responsible for all deliverables under the Navistar product development process. Directed work assignments to design resource and systems managers to complete design deliverables. Gathered design requirements, conducted design reviews and supported pilot builds. Ensured full compliance with features established by the program team. Ensured that all legislative requirements, domestic and international, were met. Collaborated with customer service, field support, finance, materials, and manufacturing product management, styling, to deliver designs.

- Led launch in China for no-idle solution for the Prostar. Drove go-fast redesign and validation of hardware controls to improve performance under harsh conditions.
- Lead cross-functional team of GM, Kongsberg Automotive, Workhorse, and Navistar to develop systems documentation for gateway control module for GM/Navistar joint venture.
- Piloted the use of a wire-design method used in Workhorse Custom Chassis Division in EES
- Developed and presented to executive leadership a proposal to streamline the change-management process for improved quality and throughput of design changes

Manager, Vehicle System and Component Test/Reliability

2005 - 2007

Drove timely and accurate completion of EES Design Verification Plan and Report (DVP&R) for the 2007 Emissions Programs. Coordinated support to field test, customer support, and plant launches. Coordinate the training and development of 8 direct reports to maintain skill sets needed to meet goals.

- Recognized for improving test completion throughput by 50% the first year.
- Established a process for determining test priorities for limited resources during period of constant threats of labor disputes and layoffs.

COMPANY XXX - Denver, CO

1992 - 2005

Designing Release Engineer

1997 - 2005

Design, development, and validation of exterior trim, which includes body side/door moldings, rocker moldings, ditch moldings, sunroofs, portholes, doorsill plates, mud flaps, luggage racks and nameplates.

- Appointed director to lead cross-functional group to address sourcing commodity issues.
- Selected for Employee Enthusiasm committee. Organized two vehicle assessment rides for department. Presented "The Art of Effective Recognition" to senior executives.
- Provided administrative support in absence of manager, who was transferred to a new assignment (2001 - 2002).

Integration Engineer

2002 - 2004

Root cause and development of solutions for noise and vibration issues related to Powertrain and Chassis subsystems. Planned, conducted and analyzed various dynamometer, modal, and road tests to solve problems. Supported several product development teams.

- Problems solved: engine mount preloads, A/C suction line vibration, TXV hiss, and exhaust modes.

EDUCATION

Cuyahoga Community College, Associate of Science in Engineering, 2012

TECHNICAL SKILLS

- Can read and write electric and hydraulic plant control ladder logic schematics – tested to 100%.
- Specialty troubleshooting, installing, and customizing all types of data acquisition packages and instrumentation.
- Very familiar with ISO processes and procedures.