

Robert H. Jackson
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OBJECTIVE

Seeking a position in Electrical Engineering that would utilize my skills in problem solving, design and process validation, project planning, and coordinating.

**RELEVANT
EXPERIENCE**

Oct '06 – Current

Honda of America Mfg., Inc.

Marysville, OH

Engineering Coordinator – Auto Quality/Product Engineering Development Department

Review drawings and specifications from R&D, identify concerns and areas for additional improvement, and develop new drawings and specifications to address these concerns. Conduct testing on completed vehicles to validate the function and use of systems in my area of responsibility. These systems include keyless access and keyless start systems, MICU (Multiple Integrated Control Units), auto headlight leveling system, and other control units.

- 2D and 3D analysis using Enovia and Catia
- Drawing creation using Catia
- Full system and vehicle testing including ESD, EMI, and dark current

July '03 – Oct '06

Engineering Staff – Parts Quality/Purchasing Operations

Review, validate, and improve parts at the supplier. Responsible for electronic parts including radios, navigation systems and displays, combi meters and LCD displays, SRS control units, crash sensors, and TPMS, seat belts and seat weight sensors, immobilizers, driver and assist side airbags, and steering wheels.

- Conduct PQCT audits on suppliers' processes
- Review PFMEA of suppliers' processes
- Trouble shoot issues found prior to and during install
- Develop, validate, and implement corrective action for any issues caused or controlled by the supplier
- Review and approve 5Ps from suppliers as required
- Validate Honda-issued change points on supplied parts
- Develop and issue Operation Standards for quality sorting and hand-working of parts to ensure end quality of vehicle

May '98 – May '04

United States Marine Corp

Knoxville, TN

Combat Engineer – Squad Leader

Demolitions expert with mine warfare experience

- Coordinated and led squad movements, military assaults, and demolition exercises
- Responsible for the welfare of all members of my squad
- Expert with M-16, M-249, and M-240

COMPUTER SKILLS

Catia, Enovia, AutoCAD, Microsoft Applications, NARS, PQTS, CPCS, eDCIS

EDUCATION

Tennessee Technological University

Cookeville, TN

College of Engineering – May 2003

Bachelor of Science, Electrical Engineering

HONORS

EIT/FE

Balfour Award

ACTIVITIES

Sigma Chi Fraternity (two terms as Vice-President)

IEEE

**OTHER RELEVANT
EXPERIENCE /
SKILLS**

C Programming

PLC Programming