

Michael Jones
999 Main Street, Any Town, NY 99999

999-999-9999

email@gmail.com

Design Engineer/Project Engineer

Experienced Project Engineer and Design Engineer with an extensive background in Designing plastic injection molds for the automotive and consumer product industries. Strong project management abilities and a consistent track record of managing outsourcing vendors in both the U.S. and internationally. Comfortable working in a fast paced environment. Detail driven with strong communication and interpersonal skills with both customers and co-workers. Technically skilled in the following software:

- Pro Engineer
- Unigraphics
- Mold Wizard
- Microsoft office

Professional Experience

Abc Inc, Any Town, NY

7/07 – Present

Design Engineer

- Design responsible for electrical components, panels, switches, shell, rack, bracket structure, fasteners, connectors, back shells, grommets, conduits, tubing, cable clamping.
- Wire Harness and Cable routing; create 3D design for harnesses and cable routing based on electrical schematics, wire diagrams, environmental, aircraft zone, military standards, and engineering best practice.
- Aircraft equipments and packaging design; create design proposal of sub-structure, attachment features and review with the interface teams.
- Support manufacturing during flight test fabrication, coordinate design changes to improve installation, sequence of assembly, reduce weight, time and cost.
- Aircraft zones: Cabin, Nacelle, Wing, Belly, Nose, Rear Spar, and Tail Cone.
- Create design proposals with cross functional teams; body structure, flight control, audio, ECS; fuel system, hydraulic, landing gear.

XYZ Corp, Any Town, NY

5/99 – 7/07

Contract Sr. Design

- Undertook design tasks specified by the engineering organization, in line with product and project targets for their high end diesel truck design.
- Ensured that all design documentation complies with XYZ standards and systems.
- Entered design documentation and parameters into company systems in order to support business functions such as Purchasing, Logistics, Quality, Production etc
- Authorization of design documentation at development stages as described by documentation control procedures for ECNs, drawings, specifications etc.

- Utilized Wildfire Ver.2 with the designing of solid model mechanical parts and large assemblies.
- Created assembly modules for the steering and hose connections using Pro/Assembly and Pro/cable in XYZ's truck line.

BCD Inc, Any Town, NY
Staff Design Engineer

12/95 – 5/99

- Project lead for the BCD 4000 chip and support role for the BCD 6000 chip. Taped out chips on time under short time constraints.
- Designed digital and IO circuit portions of the flash-based test chip. Designed routing buffers, testability circuits and boundary scan. Testability was improved and test chip was taped out successfully.
- Designed circuits applying radiation hardening techniques on circuit level to make circuits less sensitive to SET glitches.
- Verified chip hands on using Verilog and ModelSim. Wrote flash cell program and erase testing vectors. Wrote testability and scan register testing vectors. Modeled the analog portion into Verilog model. Test chip went through successful verification prior tape out.
- Tuned circuits using HSPICE on the BCD chips. Worked with mask designers on layout. Performed EM check through Voltage Storm on the BCD 4000 chip. Chip taped out successfully and silicon was working.
- Collaborated with team for Verilog modeling and investigated performance and timing issues. Developed performance models for the timing group.

Education

New York, NY 08/08
Certificate of completion
 Injection Molding Principles

University of New York, NY 12/07
Certificate of completion
 Plastic Material Selection

University of New York, NY 12/07
Certificate of completion
 Designing plastic parts for the injection molding process

Triangle Tech, New York, NY 2/93 – 6/94
Associates in Specialized Technology Degree:
 Mechanical Computer Aided Drafting and Design Technology

Recording Workshop, New York, NY 10/90 – 12/90
Diploma in Audio Production

New York County Vo-Tech, New York, NY 1986-1989
Diploma in Electronics Technology

Achievements

Awarded New York Skills Certificate in Electronics Technology

Awarded Certificate in Electronics Technology

References available upon request

JeffTheCareerCoach.com