

DAVID W. HAUSMANN
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CAD DESIGNER / CAD DRAFTSMAN

Highly experienced Mechanical CAD Designer with 18 years' experience in 3D modeling using Solidworks and 20+ years' experience using AutoCad 2D and 3D for DOD, NASA and Aerospace Programs. Member of design teams involving proto-typing/pre-production assembly and durability testing. Available for Direct employment and Contract positions.

WORK EXPERIENCE

NDC TECHNOLOGIES – IRWINDALE, CA (Feb 2017 – Present)

Contractor / Solidworks Designer / Draftsman - Job duties include but not limited to the Design of Mechanical Assemblies and Components. Also responsible for the creation of Assembly and Detail Part Drawings for Production in Solidworks utilizing Solidworks Enterprise PDM system software.

AIRBORNE SYSTEMS - SANTA ANA, CA (Nov 2011 - Nov 2015)

Solidworks / AutoCad - Designer / Draftsman - Military Parachute and Space Deceleration and Recovery Systems. Responsible for the design and creation of Detail Part Drawings, Mechanical Assembly, Cable Assembly and Schematic Drawings. Experienced utilizing Solidworks Enterprise - Product Data Management (PDM) for drawing release. Highly knowledgeable using Design Tables for Configurations, BOM's and Approval Signatures. Projects included SpaceX, NASA - Blue Origin, Orion, CPAS and various Military aircraft parachute systems.

TITAN SYSTEMS / L-3 COMMUNICATIONS - SAN DIEGO, CA (Feb 2001 - Nov 2010)

Solidworks / AutoCad - Designer / Draftsman - Navy Integrator on 72-inch TAC-4 rack systems. Designed and created Detail Part Drawing, Assembly Drawings, Cable Assembly, Schematic Diagram Drawings and Upgrade Kits. Programs include NAVSSI, NAVAIR, FODMS, LCAC, KG-250 Rack Mount Kit and NAVSSI Lite. Member of the Advanced Project Group (R&D) which involved 3D Conceptual, Preproduction design and format preparation of mechanical drawings for L-3 projects (Videoscout MC, Videoscout CM, and others.)

PULSE ENGINEERING (Apr 1998 - Nov 1998) and (Nov 2000 - Feb 2001)

AutoCad Draftsman / Operator - Specification Control Drawings for Electronic Components.

WOODSIDE BIOMEDICAL (Jun 1999 - Oct 2000)

Mechanical Designer / Draftsman (AutoCad 14) & (Solidworks 98 thru 2000): Involved in design of non-evasive medical devices to prevent motion sickness. Created 3D mechanical assembly models for injection molding with Solidworks. All design work was done in Solidworks then detailed and formatted in AutoCad for customer feedback. Designed shipping containers (clamshells, cartons with artwork and graphics). Instructions, warranties & associated paperwork designed and created using PageMaker & Illustrator.

SCIENCE APPLICATIONS INTERNATIONAL CORP (Dec 1998 - Jun 1999)

AutoCad Draftsman / Operator (AutoCad 14): Navy Installation Control Drawings, Power Modification Drawings, Equipment Arrangement Drawings, Schematics, Cable Running Sheets & Wire Diagrams.

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WAGNER AERONAUTICAL (Sep 1997 - Mar 1998)

AutoCad Draftsman / Operator (AutoCad 13): Detail & Assembly Drawings of aircraft structural components. Passenger to Cargo Aircraft conversions per FAA requirements.

DENSO WIRELESS SYSTEMS AMERICA (Jun 1997 - Aug 1997)

AutoCad Draftsman / Operator (Autocad 14): Modified Production Floor Plan Drawings to agree with the actual floor layouts. Also worked on floor plans for Electrical Equipment and Office Areas.

TOMAHAWK II INC (Apr 1996 - May 1997)

AutoCad Draftsman / Operator (Autocad 13): Project: Air Force Transport Boeing C-17 Globemaster Original released pencil drawings scanned to TIFF files for Raster to Vector conversion into AutoCAD format.

ACD INC (Apr 1995 – Sep 1995)

AutoCad Draftsman / Operator (AutoCad 12): Detail & Assembly Drawings of mechanical machined parts for Cryogenic Pumps.

KOMATSU FORKLIFT MFG. (Sep 1990 - Apr 1993)

Mechanical Designer / CAD Operator (Cadkey 2): Mechanical designs, Weld Assembly & Mechanical Assembly Drawings. Also involved in prototype development & durability testing.

HUGHES AIRCRAFT CO. (Mar 1983 - Sep 1987)

Electro/Mechanical Draftsman / CAD Operator (G.E. Calma): Navy / Military Projects for Submarine, Shipboard, & Ground Based Electronic Equipment. Also experienced with CNC Programming w/ Hughes software program ADAM for sheet metal parts.

EDUCATION

- Solidworks Essentials Certification, Digital Dimensions, San Diego, CA.
- Solidworks Advanced Certification, Digital Dimensions, San Diego, CA.
- Completed Geometrical Dimension & Tolerancing Certification
- Graduated from MTI College, Orange, CA.
AutoCAD 12 & 13 Certification, A.M.E. (Solid Modeling), DOS Literacy and File Management.
- Completed CAD Operator Training Class (G.E. Calma) conducted by Hughes Aircraft Co.
- Graduated from CRISS College, Anaheim, CA.
Completed Drafter I Certificate Program
- Graduated from Irvine High School, Irvine, CA.