**Rob Whitley**

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**Website: http://rwhitleyiii.wixsite.com/mysite**

# PROFESSIONAL SUMMARY

Highly skilled CATIA V5 designer/Detailer with experience in engineering for all vehicles types Independent worker with complete knowledge of automotive chassis and PDM systems.

Superb data manager for all CATIA V5 and Team Center - related systems. Proficient in Microsoft Office, Digital Buck, Wers, Vis-Mockup and Unigraphics NX, Ideas, GD&T Application procedures.

## Education/Certifications

* Siemens Team Center training and certification
* GD&T (Geometric Dimension and tolerance) Ford Training certification
* Bachelor’s Degree Macomb Community College, 2 years education + 7 years’ work experience
* Unigraphics NX 5, 6,7.5 Macomb Community college
* Philpot School of Automotive Design Certificate
* Macomb Community College Automotive Design

## Achievements

* Catia V5 Instructor @ 19321 W Chicago St, Detroit, MI 48228
* Catia-V5 trained Practical Catia and have Certificate 2003
* SDRC Ideas Trained

## Skills and Abilities

* Skilled at Metaphase IMI and Team Center (TCe) to populate the data • Proficient in Desktop Microsoft Excel, Power Point, Word, Outlook, Working knowledge of TCE / CATIA, WERS, and Vis Mockup
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* Unix, PDGS, SDRC- Ideas, Catia V5 Wers, Vis-Plus, Digital Buck.
* Automotive Design Degree Equivalent

Work History

WIRE HARNESS SPECAILIST.

RW3 INC. WIRE HARNESS CONSULTANT ( **4/2013 – 9/2023**

* Catia V5 Electrical Wire Routing, Electrical Part Design, Electrical Harness Assembly, Electrical Harness Installation, Support the design and development of routing 3D wire harnesses using CATIA V5Support customer block meetings, design reviews, and PMT meetings
* Interface with internal/external wire harness Engineers and support manufacturing requests
* Conduct CAD reviews with Engineering teamComplete CAD studies and Engineering work orders in SBM

RW3 INC.

Don Bosco Hall 19321 W Chicago St,

 Detroit, MI 48228 (**SATURDAY only)**

* Catia V5 Electrical Catia V5 Surfacing Design
* Part Design, GSD Design, Assembly Design Training young designers in on the job training and real scenario issues and resolution.
* Students can meet the challenges and be victorious in the automotive industries.

## Mahindra 9/2016-07/2018

Square Lake rd.

Troy MI. 48083

* Completed Cable Wire Routing for Battery Package to starter.
* Completed Wire harness for engine Package,
* Completed Catia V5 Product Design / Packaging Vacuum Modulators,
* Battery bracket Design, Fuse Box Bracket,
* Siemens Team Center freeze and publish parts and 2D-drawings.

## Ford Motor Company 01/ 2016 – 04/2016 Dearborn Mi. 48124

CATIA V5 DESIGNER / Resident Engineer

* Bracket designer for (Pifa Antenna)
* Ford Motor Company: Resident Engineer
* Release drawings into Wers
* Siemens Team Center freeze and publish parts and 2D-drawings.
* Maintain and manage 3D design, release 2D drawings into Team Center.
* Supply Engineering Design, clearance and location studies for PIFA Anntena.
* Add GDT Tolerance to 2D Drawings for prototype.
* Supports lessons learned updating Best Practices and learning sessions with Designers
* Vehicle line: S550 2018 Mustang, U502 EXPLORER, U544. U554, U540MKX, P375!
* Team Center Process, Wers, C3P Standards Webex for meetings on projects. Team

## Ford Motor Company (Compiled Projects)

Proweld Manufacturing

 Designer

Catia v5 Sr. Designer:

Providing rack design, Assembly packaging racks used at assembly plants

Assembly of racks utilizing assembly design workbench including assembly details and working with Generative workbench. Receiving data of required design needed for processing plant and develop feasible rack design to meet their production line.

**Ford Motor Company**. **08/28/2012 - 2014**

Dyno Center

Dearborn Mi. 48124

**Responsibilities**

* Catia V5 Designer to be involved in design support related to automotive engine and fuel systems testing.
* 3D modeling of created parts and 2d drawing documentation for manufacturing.
* Create detail drawings of assemblies and fixtures, using Geometric Dimensioning & Tolerance (GD&T). Store all CAD data in Team center (TCe), use TCe to create top down assemblies and bottom up assemblies.