

## **Andrew Michael Robertson**

Los Angeles, CA

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[www.amrcars.weebly.com](http://www.amrcars.weebly.com)

**Summary:** Young and creative Transportation/ Product Designer with a background in Mechanical Engineering and Design Technology. Proficient in SolidWorks and Keyshot with working knowledge in various other 3-Dimensional software programs, as well hardware machinery (3-D Printers, Scanners, and CNC machines). Able to create highly refined 3D models through solid and/or surface modeling for engineering testing and photorealistic imagery. Experienced in Automotive Design conceptually and practically, (over 10 years of work accumulated both personally and professionally), achieved through Automotive Styling, innovative problem solving, customization, modification, and complete manifestation. Familiarity with VRED.

**Thrives in environments requiring the ability to effectively prioritize and manage multiple projects.**

**Technical Skills:** Proficient in – Autocad, Excel, Word, Power Point, Google Sketch Up, SolidWorks, Keyshot, Photoshop, Audio/ Video Editing Software, iOS, PC, Mobile Design and Viewing Applications, and Hand Drawing Photo-Realistic Conceptual Automotive Designs.

### **Project Experience:**

- Designed digital car in Virtual Reality space using Tilt Brush on an HTC Vive.
- Sketched, Designed and 3D modeled an Electric/ Hydrogen Vehicle including various components, for the Richard Lugar Center for Renewable Energy – Summer of 2013
- Sketched, Designed, 3D Modeled and 3D Printed a Cell Phone Holder for automobile use.
- Sketched, Designed, 3D Modeled a very stylistic High Heeled shoe to custom fit a 3D scan of a runway models feet for a Wearable Art runway show.
- Currently Designing, 3D modeling and Rendering very stylish snowboard helmet for a company out of Chongqing, China.

**For full portfolio, please refer to [www.amrcars.weebly.com](http://www.amrcars.weebly.com)**

### **Professional Experience:**

Bāsik Modern 1/2015- Present

**Owner** Bloomington, IN

- Designed and produced Indiana State shaped cutting boards.
- Sold individually and on consignment to various retail outlets.
- Created multiple social media accounts.
- Currently operating autonomously.

Chongqing Jinchengmingrui

**Designer (Freelance)** Chongqing, China - Present

- Sketched, Designed, 3D modeled, and 3D rendered a snowboarding helmet including accessory components, stylized to that of an exotic sports car per customer request.

Richard Center for Renewable Energy

**Designer** Indianapolis, IN

- Sketched, Designed, 3D modeled, and 3D rendered an Electric / Hydrogen Vehicle based off of drawings from my sketch book. I was tasked with designing and seamlessly integrating the hydrogen tank, the fuel cell, the batteries, electric motors, and wires into an aesthetically pleasing exterior shell of my own design.

### **Education**

**Purdue School of Engineering & Technology IUPUI, Indianapolis, IN**

*Mechanical Engineering Technology, 3.5 GPA 2015*

**Ivy Tech Community College, Bloomington, IN**

*Associates of Science in Design Technology 2011*