



# ZACH BURHOP

INDUSTRIAL DESIGNER



## PROFESSIONAL STATEMENT

I am an extremely technical Industrial Designer. I have spent most of my career working directly with scientists and Engineers. My specific niche lies in prototyping. I know how to think creatively in concept stages like only designers can and how to turn around and and take that concept to full prototype using the most advanced additive and subtractive techniques.

## WORK EXPERIENCE

### Senior Industrial Designer

Bigelow Aerospace

2013-present

- Working with Scientists, and Engineers to Prototype next generation space habitats.
- Leading prototype and Mockup projects from early concept to working Designs.
- Overseeing all on site Additive Manufacturing.

### Build Coordinator

Flight 33 Productions / Nat Geo

2012-2013

- Participated in brainstorming sessions with TV. writing and directing staff.
- Designed on screen projects for Season 2 of Rocket City Rednecks
- Oversaw construction as well as provided project support during filming.

### Designer

STP

2009-2011

- Supported design projects like rocket pickup trucks and water powered jet Packs.
- Worked with CNC equipment to create hardware for unusual design projects.
- Worked with TV staff to show some of our unusual designs on the TV show Mad Scientist.

## EDUCATION

### INDUSTRIAL DESIGN

Auburn University, Auburn, Alabama.

Bachelors in Industrial Design with a focus on rapid prototyping.

## INTERNSHIP

### Orion Propulsion

Huntsville, Alabama

Working as a Propulsion Technician providing testing support on Rocket Propulsion Systems.

## INTERESTS



DESIGN



MUSIC



ARDUINO



CNC MACHINING



3D PRINTING



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## WORK QUICK FACTS



Advanced Rapid  
Prototyping



Brainstorming  
and Concept  
Generation



Design  
implementation

## INTERNATIONAL EXPERIENCE

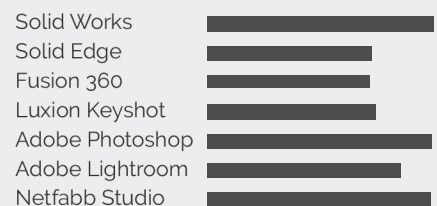


## SKILLS

### Rapid Prototyping



### SOFTWARE



## SOCIAL MEDIA



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