



OBSYDIANN  
PROPS

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## OBJECTIVE

To gain experience and knowledge as a designer in sculpting, digital modeling, model making, CNC, and fabrication. Willing to relocate.

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## EXPERIENCE

### Designer

*MyMiniFactory, UK*  
*May 2016 - Ongoing*  
Digitally models and 3D prints props.

### Fabricator

*Monster City Studios, CA*  
*October 2015 - Ongoing*  
Assists in the design and fabrication of large themed environments and props. Jobs include sculpting foam and clay, mold making, and animatronics.

### Prop Maker

*Squidbot Cosplay, OH*  
*June 2013 - Ongoing*  
Fabricates weapons and armor for costuming.

### Embroiderer

*Color 3 Embroidery, OH*  
*July 2015 - October 2015*  
Operated CNC embroidery machines to personalize large orders of shirts, jackets, bags, and hats.

### Production Teammate

*Things Remembered Distribution Center, OH*  
*October 2014 - July 2015*  
Operated CNC embroidery machines, laser engravers, and sand blasters to personalize or monogram various cloth, wood, and glass products.

### Product Tester

*Arda Wigs, IL*  
*February 2016 - May 2016*  
Tested and reviewed foreign resins and thermoplastics for US distribution.

### Freelance

*Gold Spike Studios, PA*  
*September 2013 - April 2014*  
Fabricated a pre-designed helmet for a DJ in Tokyo. Processes included 3D printing, patching and sanding, silicone and urethane rubber molding, and carbon fiber and epoxy resin casting.

### Internship

*The University of Pittsburgh*  
*Simulation and Medical Tech R&D Center, PA*  
*November 2012-April 2014*  
Assisted faculty and senior students with research, materials, fabrication, lifecasting, and mold making.

### Design Shop Technician

*The Art Institute of Pittsburgh, PA*  
*January 2012 - June 2013*  
Assisted students with proper use of shop tools and machinery, solved fabrication problems, learned and maintained all shop equipment. Promoted to lead in April 2013.

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## SKILLS

Prop Making  
Sculpting/Fabrication  
Model Making  
Laser Cutting/Engraving  
3D Printing  
CNC  
Airbrushing/Painting  
Mold Making  
Life Casting  
Dentures/Hair Ventilating

## MATERIALS

Various Clay  
Various Casting Resins  
Epoxy Resins  
Various Silicones  
Various Foams  
Foam Latex  
Ultracal/Hydracal  
Alginate  
Casting Stone  
Fiberglass

## SOFTWARE

Solidworks  
ZBrush  
Photoshop  
CorelDRAW  
Catalyst EX  
ArtCAM  
Powerpoint  
Millwizard  
Modela Player  
Pro Tools

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## EDUCATION

*The Art Institute of Pittsburgh*  
*Pittsburgh, PA*  
**Bachelor of Science in Entertainment Design**  
*June 2010 - June 2013*  
GPA 3.8/4.0  
Dean's List/President's List  
*Summer 2010 - Spring 2013*

## HONORS AND AWARDS

Best in Show, *All-AmeriCon 2015*  
Best Novice, *Otakon 2014*  
Journeyman Runner Up, *Ohiocon 2014*  
Student of the Quarter, *Summer 2012*  
Student Art Show 2012  
National Technical Honor Society