



ALEX MAZUR

3D Developer, Industrial Designer & Storyteller

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Jersey City, New Jersey

EXPERIENCE

MESTEK, INC.

Westfield, MA | November 2012-Present

Lead 3D Developer

July 2017-Present

- Perform feasibility studies on new software packages and techniques
- Analyze production process to create a consistent workflow both with the team and customers to improve efficiency
- Organize and lead weekly team meetings to note the status of long term projects and establish short term goals

3D Developer

November 2012-July 2017

- Generate storylines for products that include critical engineering information while making sure that it is easily understood by a first time user
- Tell the story through videos designed using 2D animation, 3D animation and recorded audio and video
- Deliver the story through interactive mobile and desktop apps and websites tailored to be used by sales representatives and new customers

UX Designer

November 2012-Present

- Work collaboratively with the software development team to create user experiences for websites, apps and stand alone software.

Industrial Designer

November 2012-Present

- Created a magnetic, modular 3D printed model to be used as an interactive sales tool.
- Designed a future resistant enclosure for a touch screen display and its circuit board components that integrate into an existing boiler design.
- Concepted an updated exterior for a gas fired unit heater to improve aesthetics and allow warning lights to be visible to the user.

CONCEPT ENGINEERING

Columbus, OH | October 2011-May 2012

Industrial Designer

December 2011-May 2012

- Owens Corning Energy Complete Air Sealing System Project
- Developed concepts and built physical models using 3D printed parts
- Considered ergonomics and adaptability to variable job site restrictions
- Created 3D CAD models and developed a process for manufacturing

FREELANCE

June 2011-Present

Newell | Yankee Candle Co.

Hoboken, NJ | February 2018-Present

- Developing 3D models of candle vessels for the product design team

Solarm

Fort Worth, TX | June 2012-July 2012

- Developed an updated document for quoting solar film for customer use
- Concepted for a mobile app that would automatically generate a quote

Concept Engineering

Columbus, OH | October 2011-December 2011

- Developed product design concepts for an athletic rehabilitation balance board and designed supporting trade show print materials

EDUCATION

Columbus College of Art & Design

Columbus, OH | September 2008-March 2012

BFA: Industrial Design

Northumbria University

Newcastle, England | September 2010-December 2010

Study Abroad Industrial Design Program

TECHNICAL SKILLS

Concept Development

Sketching, Research, Storyboarding

Software

2D - Photoshop, InDesign, Illustrator, After Effects

3D - Inventor, SolidWorks, 3ds Max, Rhino, Keyshot, AutoCad

Interactive - Unity, Babylon.js, Bootstrap

Languages - C#, HTML, Javascript, CSS

Modeling

3D printing, Woodworking, Silicone and Ceramic Casting,

Welding & Soldering, Metal Machining, Basic Electrical Wiring

I can make anything out of cardboard, tape and hot glue!