

Industrial Designer

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SUMMARY

Innovative Industrial Designer/ Design Manager with 6 years experience seeking position involving rapid conceptualization / prototyping, model fabrication, creative problem-solving and drafting in a creative, fast-paced and collaborative environment. Ability to lead and participate in agile teams to develop and deploy designs while meeting aggressive deadlines.

EMPLOYMENT HISTORY

Founding Designer & Consultant

The Luminosity Lab (July 2016- Present)

- Founded the Luminosity Design team and developed a model of rapid product development in interdisciplinary practice, using 2D and 3D visuals in numerous competition winning proposals for NASA Big Idea Challenge, Space X, and the X-Prize. Currently, my third successful design proposal to NASA, has received a 6-figure grant and is in development in Arizona.
- Developed and presented proposals throughout 2023, which directly led to the procurement of millions of dollars in grants for Luminosity and being awarded the 2023 "Innovator of the year in academia" by the Arizona Technology Council.
- Assembled and led Luminosity design team, teaching student designers how to work in a cross-disciplinary environment and how to multitask across different projects on a wide variety of topics.
- Proposed and visualized a number of technologies involving the future of consumer electronics in the emerging Augmented and Virtual Reality industry, as well as personal communication and social connections.
- Organized and summarized six years of project records, data archives and converted them into client-facing, presentation ready, portfolios and design logs to show case company achievements throughout its growth.

Creative Director

Colorado Hosting Asylum Network (March 2020- Present)

- Founded non-profit brand at organization launch and maintains on-going 360 degree brand development effort. Launched initiative to digitize organization greatly increasing its outreach growth rate and effectively doubling donation rate every year.
- In the fourth year of operation, the equivalent of 23 years of service was provided to Asylum Seekers in the last fiscal year. In 2023, 27 client families received a cumulative total of 123 months of financial and material support from a network of over 1000 volunteers and currently 350 active contributors.
- Worked with fellow directors to manage Color,Material and Finish of all printed branding material, allowing the distribution of our material state wide to showcase our functioning service model, which was adopted by the state government this year to launch their own similar initiatives.
- Acted as technical support to continually resolve online presence and communication issues to improve client outreach. Designed and managed website, and social media presence to centralize and streamline key company information and message.

Southwest Electric Vehicles LLC (October 2019- October 2021)

Graphic Designer & Special Projects Lead

- Oversaw product inventory, assembly, testing and troubleshooting of electric bikes and EV products in shop.
- Streamlined online presence and developed ad campaigns to represent several lines of Electric and Solar products from four companies (partnered with SWEV).
- Developed several lines of banners, fliers cards, expos booths and promotions to boost product awareness, and representing brand and Expos and conventions.
- Traveled around the Southwestern United States, to represent brand in shows and expositions, to showcase branding and to provide live and personalized technical support to clients, including the sale and assembly of a fleet of electric bikes.

Design Consultant

Center for Cognitive Ubiquitous Computing (May 2019- Jan 2021)

- Transformed the development of an electronic products research study into a market ready optical interface by conducting numerous user studies, leading the initiative toward new development directions and producing over 2 dozen prototypes over development cycle.
- Created figures, illustrations and storyboards for over a dozen published research papers around haptic technology, including published literature written by the current Director of the National Science Foundation.
- Provided knowledge of industry trends, forecasting, color development and management to the client and engineering team.

Mechanical Designer

Z-Tech MFG LLC (July 2016- March 2020)

- Constructed and maintained large CAD assemblies for design presentation and manufacturing functionality enabling agile planning and machining processes.
- Effectively managed clientele brand and concept design services resulting in multiple successful and comprehensive manufacturer product launches.
- Managed and maintained CMF product specifications for products in development from concept to production.

EDUCATION & CERTIFICATES

B.S.D Industrial Design

- Minor in Sustainability
- Arizona State University, Tempe Arizona

B.A. Design Management

- Arizona State University, Tempe Arizona

Certified Solidworks Professional

- MBD Mechanical Design

KEY SKILLS

- Storyboarding and Design Rationale
- 2D, 3D and Hybrid Rendering
- 360 degree Brand Development
- Prototyping and Design for Manufacture
- Rapid Concept Visualization
- CAD Design and Assembly with GD&T
- Project & Team Management
- Human Factors & Ergonomics
- Software: Solidworks, Autodesk Sketchbook, Adobe CS, MS-Office Suite, Keyshot, Slack, Monday, Microsoft Teams

AWARDS & COMPETITIONS

NASA Big Idea Challenge: Team Design Lead

- 2020 Winner: Innovative Design
- 2022 Winner: Systems Engineering
- 2024 Finalist: Lunar Landing Pads

Herberger Design Excellence Award 2015

X Prize Next Gen Mask Challenge: Design Lead

- 1st Place (\$1MM) Prize Winner

ASU Biophilic Interior Design: Design Lead

- 1st place Winner

ASURE Rescue Drone Competition: 2nd Place