

# Tucker Oppenheim

📍 US ✉ tuckeroppenheim@gmail.com ☎ (978) 473-6768 🔗 [linkedin.com/in/tuckeroppenheim](https://www.linkedin.com/in/tuckeroppenheim) 🌐 tuckeropp.com

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## SUMMARY

Industrial Designer with 6 years of experience in industrial design and design engineering for commercial and retail industries. Experienced in working with varying-sized organizations ranging from individuals, start-ups, medium-sized businesses, and Fortune 500 companies. Possesses, maintains, and develops all necessary skills to produce successful products from concept to production.

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## EXPERIENCE

### Industrial Designer | Scojet, Inc. | Brunswick, GA | January 2020 - Present

- Collaborated with engineers to design innovative products for the automotive, lawn and garden, and consumer industries.
- Conducted marketing research audits, ensuring client satisfaction and effective communication with overseas suppliers.
- Applied various prototyping methods to enhance product aesthetics, ergonomics, usability, and functionality.
- Utilized parametric Class-A surfaced CAD designs to refine concepts and create visually appealing product presentations.
- Created photo-realistic renderings using a variety of techniques for stakeholders and marketing purposes.
- Developed manufacturing processes to optimize product quality, efficiency, and reliability.

### Co-Founder, Industrial Designer | Product Advancement Consultancy | Boston, MA | August 2018 - January 2020

- Oversaw the complete product design cycle for diverse industry launches.
- Researched design trends, user requirements, and industry patterns.
- Innovated concepts to enhance product design and functionality.
- Utilized iterative model-making for refinement and optimal performance.
- Created manufacturing designs, prioritizing cost-effectiveness, production efficiency, and quality control.
- Refined product aesthetics, aligning with visual appeal and brand standards.

### Industrial Design Intern | Little Tikes | Hudson, OH | August 2017 - January 2018

- Collaborated with design teams to generate toy concepts for Fall and Spring line reviews, and actively engaged in brainstorming sessions.
- Conducted market research to uncover emerging trends and customer needs, contributing fresh-fun concepts during brainstorming sessions.
- Created prototypes to refine product designs, creating concept pages and renders to communicate design concepts to stakeholders.
- Developed manufacturable, parametric, Class-A surfaced CAD models to ensure the delivery of high-quality, fun, and deliverable products.

### Human Factors Design Intern | Little Enterprises, Inc. | Ipswich, MA | December 2016 - May 2017

- Optimized manufacturing processes for precision medical, military, and industrial goods production.
- Designed fixtures and jigs to increase production, and improve ease of use for operators.
- Analyzed manufacturing processes for seamless product transition from design to market.

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## EDUCATION

Bachelor's of Science in Industrial Design | Wentworth Institute of Technology | Boston, Massachusetts | 2018

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## CERTIFICATIONS

Mechanical Design (CSWP-Mechanical Design) | Solidworks | 2022

Advanced Surfacing (CSWPA-SU) | Solidworks | 2021

Additive Manufacturing (CSWA-Additive Manufacturing) | Solidworks | 2020

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## SKILLS

Industrial Design, Design Engineering, 3D Modeling, Parametric Modeling, Class-A Surface Modeling, Animation, Design Research, Graphic Design, Human Factors Design, Optics Design, Packaging, Product Photography, Prototyping, Photo Realistic Rendering, Sketching, Technical Package Creation, Topology Design.

Adobe Bridge, Adobe Illustrator, Adobe InDesign, Adobe Photoshop, Adobe Premiere, Geomagic Control X, Geomagic Design X, Keyshot, Microsoft Office, Ntopology, Procreate, Sketchbook Pro, SolidWorks, VX Elements.

CNC, Die-Cutting, FDM Printing, Gel Dispensing Printing, Injection Molding, Lathe Manufacturing, Metal Binder Jetting, Metal Casting, Metal FDM, MJF Printing, Polyjet Printing, Post Processing, Resin Casting, Sheet Metal, SLA Printing, SLS Printing, Thermoforming, Vacuum Forming, Water Jet Cutting