

TOMMY DOBIES - Industrial Designer
Charlotte, NC • +1(704) 675-1929 • TommyDobies@icloud.com
LinkedIn: linkedin.com/in/thomasdobies123

PROFESSIONAL SUMMARY

Industrial Designer specializing in sustainable product development, consumer products, and research driven innovation. Experienced leading multidisciplinary projects from market research and concept ideation through CAD development, photorealistic visualization, lifecycle assessment, and client presentations. Passionate about creating commercially viable products that balance user needs, manufacturability, and environmental responsibility.

PROJECT EXPERIENCE

Anker × SCADpro | *Co-Lead Industrial Designer* | 2026

- Co-led industrial design within a **30-member multidisciplinary team**, identifying **5 market opportunity spaces** and developing **10 consumer product concepts** for Anker.
- Directed concept ideation, Rhino CAD development, KeyShot visualization, and design refinement for a selected product while presenting solutions directly to project stakeholders.
- Delivered a marketplace-ready concept demonstrating commercial viability and user-centered product strategy.

Tillio | *Industrial Designer – Senior Capstone* | 2026

- Conducted competitive market research and translated **SDGs, ISO, and GRI sustainability frameworks** into product strategy, material selection, and lifecycle planning.
- Engineered a **100% adhesive-free** modular outdoor kitchen projected to achieve a **5× longer service life** through circular design and emotionally durable product principles.
- Developed the complete industrial design package, including concept ideation, Rhino CAD modeling, KeyShot renderings, and Adobe Photoshop presentation assets.

Reglued | *Lead Industrial Designer* | 2025

- Led industrial design for a **3-person interdisciplinary team**, executing concept development, CAD modeling, rendering, and product visualization from research through final execution.
- Conducted lifecycle assessment and carbon footprint analysis using **Sustainable Minds**, achieving a **100% improvement in sustainability performance** over conventional glue guns.
- Recipient of **6 Indigo Design Awards** recognizing excellence in sustainable product innovation and industrial design.

TECHNICAL SKILLS

Software: Rhino 3D • KeyShot • Sustainable Minds LCA • SolidWorks • Adobe Creative Suite • Microsoft Suite • Canva • Figma

Design: Industrial Design • Product Development • Design Research • Sustainable Design • Circular Design • Human-Centered Design • Design for Manufacturing (DFM) • Lifecycle Assessment (LCA)

EDUCATION

Savannah College of Art and Design (SCAD) — Savannah, GA

Bachelor of Fine Arts, Industrial Design

Minor: Design for Sustainability

GPA: 3.75 | **Expected Graduation:** 2026