

DONAVAN THORNTON

Computer-Aided Drafter | Designer | Engineer | Visual Artist



+1(470)250-4676



donavan@
donavanthornton.com

Georgia,
United States



donavanthornton.com



Skills

Visual Art and
Design



Drafting
Standards, GD&T



3D Modeling
& Rendering



Design for
Manufacture



Project
Management



Quality Assurance
Analysis



Office and
Administration



Software

AutoCAD



Solidworks



Inventor



Minitab



Adobe Suite



Microsoft
Suite



Blender



Languages

English



Spanish



Awards & Organizations

2023 - 2024

**The National Society of
Leadership and Success**

2021 - 2023

Dean's List and Phi Theta Kappa

While at Ridgewater College

2022 - 2024

American Design Drafting Assoc.

ADDA Student Member

Education

Bemidji State University

Applied Engineering

2023 - 2024

This BASc program provides instruction in science, technology, industry practices, and professional skills.

Ridgewater College

Computer-Aided Drafting and
Design

2021 - 2023

An AAS with a focus on industry standards and practices, with coursework in drafting principles, 2D software and drawings, and 3D modeling.

College of Coastal Georgia

Fine Art

2011 - 2013

While at CCGA, I completed my liberal arts education transfer requirements and studio courses in the visual and tactile arts.

Experience

Freelance CAD Designer

2012 - Present

I provide design, engineering, and CAD services for start-up, small business, and enterprise clients, transforming concepts into manufacturable products; develop production-ready solid models and manufacturing drawings, using Design for Manufacturability (DFM) principles, for formed, welded, and machined metal parts, wood & millwork, and molded plastic components; create photorealistic product renderings and technical presentations using Blender and the Adobe Creative Suite, all while independently managing client relationships from proposal through final delivery.

Highlights

- Integrated design from concept through manufacturing
- Production-ready parts, assemblies, and detailed drawings
- Document control, organization, and project management
- DFM for metalworking, injection molding, millworking, etc.
- Photorealistic rendering and polished presentations
- 100% Job Success rating on Upwork
- Experienced in direct client management, contracting, and invoicing