MASON GOSSELIN

CAD Detailer | Modular & Custom Construction Specialist | CNC Programmer

(850) 791-1059 • mgosselin60@gmail.com • linkedin.com/in/masongosselin • Pensacola, Florida

SUMMARY

I'm a CAD Detailer specializing in experiential structures, modular systems, custom construction, and CNC fabrication for trade shows and exhibitions. At GES, I produce precise, manufacturable detail and assembly drawings, develop CNC toolpaths, and collaborate closely with Designers, Project Managers, and Production Supervisors to bring complex builds to life.

With a background in fabrication, mechanical design, and business ownership, I bring a hands-on engineering mindset, strong communication skills, and a passion for mentoring others. I thrive in fast-paced environments, juggle multiple projects with ease, and consistently deliver accurate, production-ready drawing sets that support flawless execution on the show floor.

I'm driven by craftsmanship, innovation, and the joy of transforming ideas into real-world experiences.

TOP SKILLS

AutoCAD • Mastercam • Adobe Creative Suite • 3ds Max (Basic)
CNC Programming • Modular & Custom Construction Detailing • Value Engineering
Design for Manufacturability • CAD Standards & SOP Development • Mentoring & Training • Microsoft Office

EXPERIENCE

CAD Detailer | *GES – Global Experience Specialists* June 2024 – Present
Remote

Modular & Technical Detailing

- Produce detail and assembly drawings for modular systems including beMatrix, GEM, FIT3, AGAM, Milos Truss, and Tectonics, specifying finishing materials and ensuring manufacturability to GES standards.
- Detail custom construction assemblies for woodworking and metal fabrication, engineering buildable solutions beyond standard modular systems.
- Create show setup drawings covering elevations, plans, exploded views, space management, carpet, and electrical layouts.
- Build CNC-ready models and generate Mastercam toolpaths for precision cutting across production facilities.
- Produce control drawings for estimating and proposals, supporting accurate bids and early design direction.

Engineering & Production Support

- Provide engineering support to carpenters and crews at the shops and on site, advising on construction methods and troubleshooting in real time during installation.
- Research materials, hardware, and construction approaches to reduce cost and improve build efficiency.
- Conduct show site audits to verify structural accuracy and identify build issues.

Collaboration & Project Ownership

- Partner with Project Managers, Account Managers, Designers, Estimators, and Production Supervisors to engineer buildable solutions and streamline construction methods.
- Initiate and participate in "Put to Work" meetings and own drawing sets through the full project lifecycle, ensuring alignment with timelines and production needs.

Leadership & Standards Development

- Train and mentor fellow detailers, serving as a point person for modular and custom construction and helping troubleshoot complex detailing challenges.
- Contribute to the development and refinement of CAD drafting standards, SOPs, and modular detailing best practices.

AutoCAD Designer | *ESC Spectrum Corporation* October 2023 – June 2024
Pensacola, Florida

- Contributed to major designs and drafting of CEMS and protective shelters, ensuring compliance with project specifications and environmental regulations.
- Fostered collaborative relationships with engineers and technicians, enhancing system quality and functionality.
- Demonstrated versatility in handling diverse CEMS configurations, contributing to the company's reputation for technical excellence.

Business Owner | *Gossfab LLC* November 2020 – October 2023
Pace, Florida

- Led end-to-end fabrication operations, from customer concept development to engineering, CNC programming, and final production.
- Delivered precision sheet metal components using AutoCAD, Fusion 360, and hands-on fabrication methods.
- Managed timelines, quality control, and client communication.
- Developed repeatable workflows and standards to improve efficiency and output consistency.

Mechanical Designer / Fabricator | *Quality Assurance Machining & Design* February 2020 – February 2021
Milton, Florida

- Utilized Design Edge and AutoCAD to produce accurate technical drawings, playing a pivotal role in the company's ability to fulfill complex orders.
- Operated advanced machinery, including Plasma Cam and hydraulic press brakes, to deliver precision-crafted components, significantly enhancing product quality and customer satisfaction.

Server / Food Runner | *McGuire's Irish Pub* March 2013 – February 2020
Pensacola, Florida

- Recognized for outstanding performance and awarded Performer of the Month in May 2019.

EDUCATION

Pensacola State College | *Associate of Science, Mechanical Design and Fabrication* January 2020 – March 2024

Pace High School | *High School Diploma* August 2011 – May 2015

Radford M Locklin Technical Center | *High School Certificate, Automotive Technology* August 2013 – May 2014

CERTIFICATIONS

- AutoCAD Beginner to Certification
- Foundations: Data, Data, Everywhere
- Foundations of User Experience (UX) Design