Damon Smith

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Professional Experience

Design Engineer | Design Communications Ltd. **-** *Orlando, Florida* Jan 2022 – Present

Design and engineer solutions for custom fabricated architectural signage and experiential elements in a variety of project settings such as theme parks, hotels and stadiums. Manage projects from initial design phase to final installation acting as project lead for all aspects of physical design performing tasks such as prototyping, 3D modeling, drafting, field verification and electrical design. Incorporate custom lighting solutions/control systems and inspect final integration for UL/NEC compliance. Drive overall design and fabrication methods on assigned projects while giving guidance to supporting team members. Support Design & Engineering department with contributions to process and standardization improvements.

CAD Designer | Gared Sports Systems **-** *Noblesville, Indiana* Aug 2018 – Sep 2020 / Mar 2021 – Jan 2022

Designed custom sports equipment layouts for client proposals and fabrication utilizing Autodesk Inventor. Collaborated with engineers, project managers and clients to design systems for both international and domestic projects. Reviewed architectural drawings and field verification documents to provide detailed 3D models and design drawings with load calculations for large ceiling and wall mounted structures.

Drafter | Advantor Systems **-** *Orlando, Florida* Nov 2020 – Mar 2021

Worked closely with design engineers using AutoCAD to create layouts, conceptual drawings and communication diagrams to support the design of low voltage security and CCTV systems for U.S. military base facilities. Assembled design submittals, as-built packages as well as product cut sheets and manuals to submit to clients.

Project Manager/Draftsman | County Materials Corp. **-** *Maxwell, Indiana* Feb 2017 – Aug 2018

Managed several projects simultaneously working in collaboration with internal team members as well as general contractors. Interpreted civil engineering drawings to design precast concrete structures using AutoCAD as well as proprietary CAD software. Coordinated shipping with clients to ensure on-time delivery of products.

Certifications

Solidworks Certified: Associates May 2017
NIMS Certified (Meet Machining Level I Standard) May 2017
UL Certified Manufacturer Technical Representative June 2023

Education

Ivy Tech Community College
2015 - 2017 | Associates of Applied Science in Design Technology

Software Proficiencies:

- AutoCAD
- Autodesk Inventor
- BlueBeam Revu
- Rhino 7
- Solidworks

Experience With:

- General construction practices
- Technical drawings
- GD&T
- Fabrication methods
- CNC / 3D Printing