



LYNNE RITZ

INDUSTRIAL / ENGINEERING DESIGNER

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924 Thermal Ave
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EXPERIENCE

MONTBLEAU & ASSOCIATES
SAN DIEGO, CA
Jan 2021 - June 2021

GLENN RIEDER
SAN DIEGO, CA
Jun 2019 - Sept 2020

IGROUP DESIGN
SAN DIEGO, CA
Apr 2018 - Jun 2019

OCD CREATIVE STUDIO, INC.
JULIAN CA
Apr 2015 - Apr 2018

ENGINEERING / ARCHITECTURAL MILLWORK

6 Month contract position to assist with large projects such as Google Headquarters in the Bay Area.

- Analyzed designs submitted by architects for the purpose of producing production documents
- Created drawings and working documents for production (AutoCAD)
- Reviewed architects specifications for materials and methods required for installation
- Reviewed scope and prepared analysis of man hours it would take to complete drawings
- Analyze designs and trouble shoot / resolve technical issues in design and / or fabrication methods

ENGINEERING / ARCHITECTURAL MILLWORK

As millwork engineer I would translate the drawings submitted by the architects into working drawings that could be used by the fabrication shop to actually produce the millwork items.

- Analyzed designs submitted by architects for the purpose of producing production documents
- Created drawings and working documents for production (AutoCAD)
- Reviewed architects specifications for materials and methods required for installation
- Reviewed scope and prepared analysis of man hours it would take to complete drawings
- Analyze designs and trouble shoot / resolve technical issues in design and / or fabrication methods

LEAD DESIGNER / PROJECT MANAGER

As lead designer and project manager I was responsible for many aspects of the design and planning of a large scale construction project.

- Analyzed drawings submitted by architect for design intent
- Produced all drawings for Interior Design items, such as tile, wall coverings, and millwork items
- Obtained quotes for materials, fabrication and installation
- Produced cost estimates and project budgets for client approval
- Coordinated deliveries and installation of all items both purchased and fabricated
- Trouble shoot and problem solve in real time as installers would run into issues
- Traveled to construction site as needed during both design and installation phase of the project

OWNER / DESIGNER

As the owner / designer of OCD Creative Studio I am responsible for everything from meeting with clients, developing design concepts, finalizing designs and producing the final products.

- Research and advise clients on the best materials for their projects
- Pricing and purchasing of materials, and quoting of all jobs
- Coordinate with clients and any subcontractors or vendors used on projects
- Manage multiple project deadlines, delivery dates, shipping
- Manage all invoicing of clients, payments to vendors, and client payments



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EXPERIENCE CONTINUED

INCEPT 3D

SAN DIEGO, CA

Oct 2011 - Apr 2015

LEAD INDUSTRIAL DESIGNER

As lead designer, I managed all design needs for this 3D printing company. Clients would often contact us for 3D printing but actually needed far more assistance to get their prototypes created.

- Create or modify 3D models to get them ready for 3D printing
- Suggest alternative methods of prototyping when 3D printing was not the best method
- Developed molding and casting capabilities for high volume production
- Managed quoting, budgets and deadlines of all design projects

PACTEC INC.

PHILADELPHIA, PA

Jan 2008 - Mar 2009

INDUSTRIAL DESIGNER

As a Designer for Pactec, I developed products for clients like BDA, Belkin, and Barnes & Noble. We researched trends and presented potential products as well as developed product ideas brought to us by clients.

- Coordinated with our manufacturing plant in China on a daily basis
- Worked hand in hand with the marketing team to research trends and develop products
- Responsible for sketching concepts and 3D modeling them or creating graphic instructions so prototypes / products could be manufactured
- Researched materials, obtained material samples and assisted in sourcing materials both locally and in China

GMA

BETHLEHEM, PA

Oct 2000 - Oct 2004

MECHANICAL ENGINEERING DESIGNER

As a mechanical engineering designer I was responsible for developing and designing custom interface equipment to connect the clients existing printing presses to GMA's conveyor mail room systems.

- Traveled to client locations to measure existing equipment
- Created 3D models of existing equipment as well as new design interface equipment
- Created technical drawings for machine shops to manufacture parts as well as for the assembly of all final parts
- Coordinated between sales team and vendors as needed to help achieve shipping deadlines
- Created technical manuals for machinery including 3D exploded assembly drawings and maintenance instructions



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EXPERIENCE CONTINUED

SPEAKMAN DRAFTING

READING, PA

May 1998 - Oct 2000

REVERSE ENGINEERING DESIGNER

As reverse engineering designer I was responsible for creating drawings of existing parts so they could be manufactured here in the US.

- Traveled to clients like Hershey foods to remove parts that commonly break from machines
- Accurately measured parts to create drawings for production
- 3D model of parts and assemblies
- Recommended improvements and updates to parts and machinery as needed
- Extensive experience with part tolerance
- Responsible for updating old machine drawings originally done by hand using hand drafting techniques



SKILLS

ILLUSTRATOR	●●●●●●●●●●●●●●●●●●●●	ORGANIZATION	●●●●●●●●●●●●●●●●●●●●
PHOTOSHOP	●●●●●●●●●●●●●●●●●●●●	3D STUDIO MAX	●●●●●●●●●●●●●●●●●●●●
RHINO 3D	●●●●●●●●●●●●●●●●●●●●	INVENTOR	●●●●●●●●●●●●●●●●●●●●
PRO ENGINEER	●●●●●●●●●●●●●●●●●●●●	ACCESS	●●●●●●●●●●●●●●●●●●●●
SOLIDWORKS	●●●●●●●●●●●●●●●●●●●●	PROTOTYPING	●●●●●●●●●●●●●●●●●●●●
AUTOCAD	●●●●●●●●●●●●●●●●●●●●	MODEL MAKING	●●●●●●●●●●●●●●●●●●●●
KEYSHOT	●●●●●●●●●●●●●●●●●●●●		●●●●●●●●●●●●●●●●●●●●



EDUCATION

BACHELOR OF SCIENCE

INDUSTRIAL DESIGN

Oct 2004 - Dec 2007

MASTER'S

ARCHITECTURE

Oct 2009 - June 2011

Art Institute of Philadelphia

- Studied industrial design with a focus on furniture design and product design
- Graduated high honors with 3.9 GPA

NewSchool of Architecture & Design

- Studied Architectural Design
- Took additional classes in furniture design and product design to sharpen my skills
- I was granted 1 year advance placement into the 3 year program for my submitted portfolio of past work
- I completed the remaining 2 years of the program but still need to submit my final thesis to obtain my degree.

Lehigh Community College

Level 1 Welding Certification

UC Berkeley

UX / UI Design 24 week intensive Bootcamp

CERTIFICATIONS

Art Institute of Philadelphia

- Received 11 "Best of Quarter" awards
- Received the Presidential Scholarship in the highest amount awarded
- Received the award for Outstanding Achievement in Industrial Design

AWARDS RECEIVED

STUDY ABROAD

June 2006

Paris & London - Studied art history, design & culture for 1 semester



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REFERENCES

INEZ WELLS

1650 CREATIVE INTELLIGENCE
Account Executive

MICHAEL ARMBRUSTER

INCEPT 3D
Owner

STEPHANIE LEE

IGROUP DESIGN
Lead Designer

CHRISTOPHER YOUNG

GLENN RIEDER
Engineering Manager

JOSEPH ELLIS

US NAVY
Compliance Manager

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