

# LYNNE RITZ

Industrial / Engineering Designer

924 Thermal Ave  
San Diego, CA 92154

## Experience

lynne@ritz-industrialdesign.com  
[www.ritz-industrialdesign.com](http://www.ritz-industrialdesign.com)  
Cell: 619.701.5300

### **Montbleau & Assoc.** Project Engineer / Architectural Millwork

San Diego, CA  
Jan 2021 - Jun 2021

6-month contract position to assist with large projects such as Google Headquarters in San Francisco. Created working drawing that could be used by the fabrication shop to produce the millwork item.

- Analyzed designs submitted by architects for the purposes of producing production documents
- Created drawings and working documents for production (AutoCAD)
- Reviewed architect's specifications for materials and methods required for manufacturing and 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

### **Glenn Rieder**

San Diego, CA  
Jun 2019 - Sept 2020

### Project Engineer / Architectural Millwork

As millwork engineer, I would translate the drawings submitted by the architect into working drawings that could be used by the fabrication shop to produce the millwork item.

- Analyzed designs submitted by architects for the purposes of producing production documents
- Created drawings and working documents for production (AutoCAD)
- Reviewed architect's specifications for materials and methods required for manufacturing and 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

### **IGroup Design**

San Diego, CA  
April 2018 - Jun 2019

### Lead Industrial Designer / Project Manager

As lead designer and project manager I was responsible for any aspects of the design and planning of a large-scale construction project (Coyote Valley Casino)

- 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's 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 sites as needed during both design and installation phases of the project

### **OCD Creative Studio** Owner / Lead Industrial Designer

Julian, CA  
2015 - Apr 2018

As owner and lead designer of OCD Creative Studio I was responsible for everything from meeting with clients, developing design concepts, finalizing designs, to producing the final April prototypes or products.

- Research and advise clients on the best materials and manufacturing methods 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, and shipping
- Manage all invoicing of clients, payments to vendors, and client payments
- Responsible for knowledge of procedures regarding hazardous materials (HAZMAT) and personal protective equipment (PPE) required while on all jobsites

### **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 needed far more of my assistance with 3D modeling and / or finishing to get their prototypes created.

- Created or modified 3D models to get them ready for 3D printing
- Suggested 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 BD&A, Belkin, Barnes & Noble etc. 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 daily to develop prototypes of designs
- 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  
2000 - Oct 2004

#### Mechanical Engineering Designer

As a mechanical engineering designer I was responsible for developing and designing custom interface Oct 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

### **Speakman Drafting**

Reading, PA  
May 1998 - Oct 2000

#### Mechanical Reverse Engineering Designer

As reverse engineering designer I was responsible for creating drawings of existing parts that would commonly break or wear out so they could be manufactured here in the US rather than purchased from the OEM.

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

## Skills

### Computer:

Illustrator	Photoshop	Rhino 3D
Pro Engineer	Solidworks	AutoCAD
Keyshot	3D Studio Max	Inventor
Word	Excel	Access

### Prototyping & Model Making:

3D Printing	CNC Router (both wood and metal)
Laser Cutting	Molding & Casting
Basic Electronics	Welding
Wood Working	

## Education

### Bachelor of Science Art Institute of Philadelphia

Industrial Design

Oct 2004 - Dec 2007

- Studied Industrial Design with a focus on furniture and product design
- Graduated with a 3.9 GPA

### Masters

#### NewSchool of Architecture & Design

Architecture

Oct 2009 - Jun 2011

- Studied Architectural Design
- Took additional classes in furniture design and product design to sharpen my skills
- I was granted 1 year of advanced 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

### Certification

#### UC Berkeley

UX / UI Design

Jan 2022 – Jul 2022

Currently attending a 24 week intense boot camp, evening and weekend classes

### Certification

#### Lehigh Community College

2003

- Level 1 welding certification

### Study Abroad

#### Paris & London

June 2006

- Studied art history and culture for 1 semester

## References

**Inez Wells**

1650 Creative Intelligence  
Account Executive

**Cell: (916) 715-9690**

7739 Bishop Lane  
La Jolla, CA 92037

**Michael Armstrong**

Incept 3D  
Owner

**Phone: (858) 731-9335)**

8909 Complex Dr Suite D  
San Diego, CA 92123

**Stephanie Lee**

IGroup Design  
Lead Designer

**Cell: (760) 468-0479**

2468 Historic Decatur Rd Suite 2000  
San Diego, CA 92106

**Christopher Young**

Glenn Rieder  
Engineering Manager

**Cell: (916) 290-3501**

2403 Catalina Court  
Oceanside, CA 92056

**Joseph Ellis**

US Navy  
Compliance Manager

**Cell: (619) 545-5255**

Bldg. 466 Read Road  
San Diego, CA 92135

**Steve Phipps**

Montbleau & Assoc.  
Account Executive

**Cell: (619) 381-7470**

555 Raven St  
San Diego, CA 92102