



## Tony Cruz

Owner (Ext. 111)

### **Objective**

To continue detailing at a higher standard and take on new adventures in the building industry.

### **Employment History**

#### **1990 – 1995 Steel Detailer, Hensel & Assoc., Detroit Michigan**

- Steel detailing manually on the board for 3 years. I moved on to using a computer program called Steel-Cad.

#### **1995 – 1999 Chief Draftsman & Project Manager, Service Iron Works, Detroit Michigan**

- Continued detailing structural steel by way of manual drawing and a 3-D modeling program called SDS2 – Version 5.4
- See above

#### **2000 to Present – Owner/Project Manager/ Estimator, Global Detailing, Inc.**

- Steel detailing with the latest versions of SDS2
- Running accounts for company
- Estimating Structural Steel and Miscellaneous Steel Projects



## Mark Caesar

Project Manager/Detailer (Ext. 113)

### Objective

To produce quality drawings accurately and on time.

### Qualifications

I worked directly for fabrication shops where I received on the job training in project management and in depth training in the steel stair industry. This includes time in the shop laying out stairs and rails and time in the field doing field measurements and problems solving field issues. I currently have 18 years of detailing experience, with approximately 16 years of that time with project management responsibilities.

### Employment History

**March 1994 – October 1996 Steel Detailer, Sharon Companies Ltd., Medina, Ohio**

Learned stair design and fabrication by working with shop and design department. Used AutoCAD to create erection drawings and piece details of the material. Also did material take-offs for purchasing.

**October 1996 – April 1998 Steel Detailer, Capital Iron, Bedford, Ohio**

Misc. steel and stair detailing on AutoCAD. Also did the project management responsibilities for each project I was working on.

**April 1998 – February 2007 Steel Detailer, Sharon Companies Ltd., Akron, Ohio**

Detailed projects from start to finish including detailing, ordering, and coordination of shop and erection of the job.

Drawing coordination and checking of shop drawing with contract drawings

Document control responsibilities for jobs being out sourced to companies. Including scanning, printing, and FTP transfer of drawings and documents.

**February 2007 - Present, Global Detailing, Inc., Stow, Ohio**

Steel detailing using latest versions of AutoCAD and SDS/2.

### Education

**September 1992 – May 1994 Medina County Career Center, Medina, Ohio**

Vocational Certificate in Drafting Program



## Chris Ritzi

Project Manager/Detailer (Ext. 117)

### Objective

To Design / Detail for a company that offers a stable and positive atmosphere and inspires me to enhance and therefore to innovate the work culture for the betterment of all parties concerned.

### Employment History

#### September 2012 – Present Global Detailing, Inc. ▪ Stow, Ohio

- Steel detailing using latest versions of AutoCAD and SDS/2.

#### 2001 - 2012 Worthington Metal Fabricators dba Sharon Stair ▪ Akron, Ohio

##### CAD Designer / Drafter / Checker / Detailer

- Review shop and fabrication drawings for projects in AutoCAD programs from Architectural & Structural Contract Drawings.
- Create Bills of Material and calculate material cutting lists.
- Provide manufacturing with legible details for fabrication.
- Communicated consistently and proactively with team members via phone and e-mail between meetings, coordinated meeting notes, and helped team members with individual work plans.
- Combined technical and management skills while mentoring team members as they resolved complex technical issues and provided expert technical advice to management for business decisions.
- 3D Modeling with AutoCAD Revit Architecture.
- Liaison between shop and drafting concerning production issues /questions.

#### 1999 - 2001 Al – Fe Heat Treating ▪ Wadsworth, Ohio

##### Furnace Operator / Shipping and Receiving

- Setup and maintain drop-bottom furnaces and annealing age ovens.
- Managed 9 furnaces and 7 age ovens through the APC Module.
- Maintained and Inspected thermo-couples for Government and Aeronautical Projects.

#### 1987- 1999 Polara Manufacturing ▪ Rittman, Ohio

##### Shop Supervisor / Welder – Fitter

- Organized workforce and service flow for production facility.
- Liaised with vendors and manufacturing department to ensure high-quality, yet low-cost, production methods
- Evaluated processes and implemented changes that improved production and effectiveness as well as fiscal accounting procedures

### Education

#### 1985-1987 - Wayne County Schools Career Center ▪ Smithville, Ohio

- Welding / Fabricating
- Blueprint Reading
- Mechanical Drawing

### Skills

#### Experience

- Information Technology
- Systems Administrator



# Jonathan Patton

Project Manager/ Detailer (Ext: 119)

**OBJECTIVE:** To obtain employment in a technically challenging environment.

## **EXPERIENCE:**

### **AMECO-USA - Sales Engineer**

- Obtain request for quotation from customers for custom metal fabrications.
- Acquire material costs from vendors and determine all manufacturing processes necessary to completely fabricate parts for customer.
- Develop formal quotation for customer review.
- Receive purchase orders from customers and submit them to accounting for job folder creation.
- Create purchase orders for all necessary materials for fabrication.
- Produce all necessary drawings using Draftsight and AutoCAD, Shop Routings, and CNC Plasma programming using ProNest 2012
- Monitor project as it progresses through the shop and assist with any issues that arise.
- Assist Quality department in final check of final product prior to notifying customer of job completion
- Create Bill of Lading and Packing Lists and arrange shipping of final product to customer

### **David Round Company 2011-Current**

#### *Mechanical Engineer*

- Develop concept drawings for custom hoists and cranes to meet specifications for customer approval.
  - I Carbon/Stainless steel chain/wire rope/strap hoists (1k-12k lb capacities)
  - II Carbon/Stainless steel floor cranes. (1K-6K lb capacities)
- Record and calculate stresses and reactions.
  - I Verify adequate counterweight is supplied for lifting capacities on floor cranes
- Create 3-D parts and assemblies in Solidworks 2011.
  - I Grooved drum for wire rope hoists; 7.5ton, double-reaved wire rope hoist for high shock testing.
- Work in tandem with the manufacturing plant manager and plant employees to assess issues and create solutions.

### **Worthington Stair 2007-2011**

#### *CAD operator*

- Review and furnish shop and fabrication drawings for many projects in AutoCAD programs from Architectural & Structural contract drawings
- Handle drawings on high dollar projects
- Design and Create 3D objects utilizing AutoCAD 2005-2010.
  - II Examples: Hilti KB-TZ anchor; Railings, Stairs, & Landings.
- Design custom parts in Revit Architecture 2010
  - I Examples: Adjustable Hanger Rod & Strut, Custom Handrail Bracket, Embed Plates, Spring hinge, Adjustable Grating, Adjustable Landing
- Problem Solving
  - I Checkered plate design; Prevention of Field issues; New Revit Designs.
    - a Unable to maintain riser height due to radius at nosing. I suggested a 12° kick in the riser to get past the radius
    - . This acts as our standard riser design for all future checkered plate applications

## **EDUCATION:**

- **2002-2008 The University of Akron Mechanical Engineering Technology**
  - Associate's Degree acquired December 2006.
  - Bachelor's Degree acquired December 2008.
  - President of the Collegiate Billiards Tour Association 2003-2008.