

# Ernest Bethrant

## Senior Engineer - Art Guild, INC

New Castle, DE - Email me on Indeed: [indeed.com/r/Ernest-Bethrant/c289a1900dec517c](https://www.indeed.com/r/Ernest-Bethrant/c289a1900dec517c)

To obtain a responsible and challenging position that will utilize my current expertise and fulfill my desire to continue to achieve, contribute and succeed at the highest level in the industry that I work in.

### WORK EXPERIENCE

#### Senior Engineer

Art Guild, INC - West Deptford, NJ - November 2012 to Present

Responsibilities: Engineer and create 3D and 2D detail drawings using Solidworks and Auto Cad for creating prototype and production of POP displays. During the development of prototypes and production, I will sit in on kick off meetings. I will work with client representatives, vendors, designers and project manager to develop and manufacture very complex or simple POP fixtures in plastics, woods, fabrics and sheet metal parts and assembly. I will research, select materials and hardware and also determined the best methods of fabrication. My objective is to create a functioning product that is within budget and promotes the customers and designers ideas. I also engineer for safety and ease of fabrication. I prepare bill of materials (BOM) and instruction drawings as required for assembling of fixtures. I also assist with hands on setup of displays when required.

#### Senior Designer/Engineer/Project Manager

Sho Aids, INC - Sharon Hill, PA - January 1999 to November 2012

Responsibilities: Create Design Concepts; prepare conceptual design presentation and construction drawings for large custom exhibits, corporate interiors, point of purchase display and custom products. I report directly to the president of show services and I work with a team of marketing, client representatives, vendors and project manager to develop and manufacture very complex design projects for exhibitors that attend conventions. During production I work with a team of professionals to ensure that all creative concepts are turned into a functioning project that is within budget and promotes the customers product as required in the industry. I also prepare bill of materials, create purchase orders and coordinate special materials delivery and logistics. I keep in constant communication with vendors and subcontractors during production. I also manage the fabrication of all exhibit projects from concept to completion with the vendor; subcontractors, and the shop foreman in the manufacturing plant. Most of the time I work in a team environment with a sale staff, marketing representatives, outside designers, purchasing agents and product supply managers to make sure all projects are completed on time as schedule. Some other responsibility includes filing and managing the design and blueprint files, keeping track of design supplies and new technology and I create cad standards and maintain the cad system. During down time I research and develop new products for creating better designs and solving manufacturing issues to streamline the production process.

#### Senior Designer/Engineer

VISUAL COMMUNICATIONS, INC - Holmes, PA - September 1996 to January 1999

Responsibilities: Prepare design and construction drawings for large custom exhibits, corporate interiors, point of purchase display and custom product and graphic kiosk. I have developed strong project management skills with a strong knowledge of woods, metal and plastic. I prepare bill of materials, order and coordinate materials and fixtures with subcontractors, coordinate and manage fabrication of all projects with shop foreman in the manufacturing plant. During projects, I work in a team environment with a sale staff, designers, and purchasing agent to make sure all projects are 100% accurate and completed on time. Other responsibilities include managing the cad system and computers, and developing department-drawing standards. I have organize and

created a computer filing and management systems for drawings; and I have also developed list programs, custom applications and train and assist junior designers with cad applications and problem solving solutions.

### **Head Designer/Engineer**

PALCO MANAGEMENT CORP - Camden, NJ - September 1993 to August 1996

Responsibilities: As head designer/engineer, was responsible for designing, engineering and preparing Auto Cad drawings for architectural millwork and custom wood, glass and metal fixtures, coordinating projects with junior draftsmen, and assisted supervisor with finding solutions to computer and drafting problems. I also prepared board drawings as required. Checked, revised and prepared shop drawings for cut-listing, log and file incoming and outgoing correspondence and write RFI's as needed; included preparation of presentation renderings for design proposals as needed and assisted designers with conceptual ideas.

### **Designer/Project Manager (Consultant)**

FRANKLIN MINT, Franklin - Plaza, PA, US - January 1992 to September 1993

Responsibilities: Project coordinator and designer of museum gift shop renovation. Estimated, designed, engineered, and prepared manufacturing drawings, attended meetings with team planners and client. I scheduled the completion of design drawings, shop drawings, ordered materials and fabrication of fixtures and I also supervised all design and drafting assistants and coordinated project with the facilities manager, shop foreman and subcontractors. Other duties included illustrating and designing of collectable products.

### **Design Detailer**

TRADE IMAGES, INC - Bellmawr, NJ - July 1988 to January 1992

Responsibilities: Designed and engineered architectural millwork, promotional displays, and custom furniture. I am responsible for preparing design, shop, and installation drawings; preparing material takeoffs, contacting of clients, outside contractors, and vendors when required during production. Responsible for research and development of new products, ideas and techniques for cost reduction and fabricating a better product.

### **Design Detailer**

BERNHEIM SIEGAL COORPORATION - Beverly, NJ - November 1987 to July 1988

Responsibilities: Prepared shop drawings for the construction of showcase, back-islands and other various store fixtures. Drawings also include floor plans and electrical layouts of store fixtures. Other responsibilities included doing take-offs of materials and writing requisitions for purchasing. I was also in charge of mailing drawings for approval, keeping stock of art and drafting supplies, and the blue print room.

### **Entry Level Designer**

SCOTKO DESIGN GROUP - April 1987 to November 1987

Responsibilities: Responsible for designing architectural exterior signs and interior displays, preparing conceptual interior perspective drawings, freehand as well as mechanical; presentation marker and prisma color renderings; sign graphic selection and layouts and shop drawings for construction.

## **EDUCATION**

### **BACHELOR OF SCIENCE in INDUSTRIAL DESIGN**

Philadelphia College of the Arts - Philadelphia, PA

September 1983 to June 1987

### **ART**

St. Thomas

September 1979 to June 1983

## ADDITIONAL INFORMATION

### SKILL AREAS:

- Exhibit, POP Displays, Consumer Product and Package Design, Engineering
- Excellent design rendering and sketching skills with Studio Max, markers, color pencils, and airbrushing
- Engineering and Drafting with Solidworks Auto Cad.
- Graphic design with the use of Corel Draw, Adobe Illustrator and Adobe PhotoShop
- Prototype and model making with various materials
- Microsoft Word, Excel and Adobe Acrobat
- Computer programs operation and problem solving with the use of windows applications and dos commands.
- Operates shop fabrication tools and hand tools.