

## CURRICULUM VITAE

23 Chestnut Street  
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# BERNARD (RAJ) LOUISNATHAN

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## BACKGROUND

Within this field of Interdisciplinary Design Studies, most recent area of research has been in Environmental Design and Sustainability. Academic and professional experience stem from Industrial Design, Architecture and Environmental Installation related disciplines. As a practitioner, projects have included visual communications, product design, architectural design, exhibits and environmental installations. With direct access to computerized electronic media and software, design presentations, documentation and production work have been effectively executed.

**Masters of Science in Architecture** with concentration in **Industrial Design**  
Virginia Polytechnic Institute & State University (College of Architecture & Urban Studies - 6/01)

**Bachelor of Science in Industrial Design**  
University of Illinois at Chicago (School of Art, Architecture, & Planning - 6/84)

**Associate of Science in Liberal Arts**  
Corning Community College, Corning, NY (6/82) (Interim studies Aurora College, IL ('82)

## HONORS & ACHIEVEMENTS

**Knoll International Student Award** - Industrial Design Excellence – U of I, Chicago ('84)

**IDS A Kudos Award** - In recognition of outstanding organization and participation in IDS A Student Chapter activities at U of I, Chicago ('83)

**Design Excellence** Citation - Industrial Design Department at U of I, Chicago ('83 & '84)

**Design Competition Placement** – Office Automation Design concept submittal was accepted as a selection to be exhibited at the International Design Exhibition titled "ANNO 2000." Exhibited in Milan, Italy (Oct'90) also exhibited at "Organatechnic" Fair in Cologne, West Germany.

**Tecture Design Studio** – Development and Principal of Design Consulting Studio / '89-'92, '96-'98, and 2000-present) Studio originated in Chicago in 1989 - Services offered within the boundaries of Interdisciplinary Design.

## PROFESSIONAL EXPERIENCE

### Architectural Design

Thomas Associates / Ithaca, NY / (8/98 - 2/99)  
Interplan Incorporated / Washington DC / (3/98-5/98)  
Archetype Partners / Washington DC / (1/98 - 3/98)  
Butz•Willbern Partnership / McLean, VA / Construction & Design (10/97 to 1/98)  
Kelly, Clayton & Mojzisek / Baltimore, MD - Project Design ('95)  
Pappas Associates / Jacksonville, FL / Summer Intern ('94)  
JHL/TECTURE Architects / Hornell, NY / Design Consultant (free-lance)

### Exhibits and Environmental Installations

Explus, Inc. / Steriling, VA / Exhibit Designer (Dec.'95-June'96)  
Sally Corporation / Exhibit Resources, Inc. / Jacksonville, FL - Project Consultant (93' & '94)  
Giltspur, Inc. / Rochester, NY / Exhibit Design Consultant ('90)  
Field Museum of Natural History / Exhibit Designer - Chicago, IL ('88-'89)  
General Exhibits & Displays, Inc. / Exhibit Designer - Chicago, IL ('86-'88)  
Exhibit Source, Inc. / Exhibit Designer - Chicago, IL ('85-'86)

### Visual Communication and Product Design

U of I, Chicago Library / Graphic Design ('83-'85) DANN Design / Corning, NY (product design)  
Graphic Calculator Inc. / Barrington, IL ('85) Image Consultant / Elmira, NY (graphics)  
Paul Goda & Assoc. / Chicago (product design) EP&M – Albany, NY (contract)  
TRES Design, Inc./ Chicago, IL (product design) Brian Jones / Corning, NY (envrmtl. instulation)

## BERNARD RAJ LOUISNATHAN - Projects and Accomplishments List

### TEACHING ASSISTANCE

Environmental Design and Sustainability - While completing requirements for Master of Science in Architecture/Industrial Design, this interdisciplinary course was offered at Virginia Tech-College of Architecture and Urban Studies - within the Industrial Design Department.

### ARCHITECTURAL DESIGN

During the process of studying Architectural Design at Virginia Polytechnic Institute, the following projects were accomplished during the interim. Projects correspond to the Architectural Design firms listed below. Most of the construction drawings were part of an entire Set of Architectural Documentation for construction. Utilized CAD on both Macintosh and PC platforms in-conjunction with constructing physical models, renderings and illustratives as projects required.

#### **Thomas Associates** / Ithaca, NY / (8/98 - 2/99)

Projects included: Assisting in construction drawings using AutoCAD14 for modular Post Office buildings. Also assisted in cd's for midsize school building and other related projects. Specified building components and schedules as schematics required.

#### **Interplan Incorporated** / Washington DC / (3/98-5/98)

Completed plans, schematic and construction drawings for midsize buildings and corporate offices. Including plans, interior architectural schematics and furniture installation. Utilized AutoCAD13 for cd documentation.

#### **Archetype Architects** / Washington DC / (1/98 - 3/98)

Design and installation of interior cabinet work for the Dutch (Netherlands) Embassy. Restoration project involved plans, construction drawings & documentation, redesigning interior and exterior building components, and scheduling restoration installation. Utilized MiniCAD on Macintosh platform to draw plans, elevations, sections and details.

#### **Butz•Willbern Partnership** / McLean, VA (10/97 to 1/98)

Completed plans, schematic and construction drawings for small buildings. Detail drawings included building construction with concrete masonry units (cmu). Utilized MiniCAD for cd 's, detail documents, and schematics.

#### **Kelly, Clayton & Mojzisek** / Baltimore, MD - Project Design ('95)

Architectural design proposal for an African-American Museum Design in Baltimore, MD. Development of preliminary designs included 2 finalized scale model selections, illustrations, and comprised proposal material in bound form. Historical building for reuse as elderly nursing home in Baltimore MD required plans, elevations, details and construction drawings.

#### **Pappas Associates** / Jacksonville, FL (Summer'94)

Assisted in construction documents and presentation material. Also assisted in cd's for midsize school building and other related projects. Utilized MiniCAD on Macintosh platform. Project included roofing system for Spanish style (historic landmark) school building in Jacksonville, FL.

#### **JHL Architects and JHL/Tecture** / Hornell, NY / Design Consultant

Design documentation and master plan proposal for the town of Dunkirk, NY. Illustrative included lake side and park side planning, historic and new building location illustrations, and outdoor/indoor market building with public access.

Design documentation and master plan for the town of Hornell, NY. Design proposal done in two phases. Illustratives included planning, historic and new building location, comprehensive planning schematics included towns past, present and future conditions. All materials including district planning and programming schematics were comprised into two volume journals.

Other projects included comprising town of Hornell master plan into an exhibition to be presented at town hall for the Mayor and Dignitaries to review. Design and space analyses of warehouse - conversion of reusable building into condominium (proposal) in Hammondsport, NY. Assisted in miscellaneous construction documents for residential, and small to midsize buildings.

### RELATED REFERENCES (Upon Request)

Susan J. Mehr, RA / Thomas Associates/ Ithaca, NY

John H. Lusk ( Architect/ Principal)/ JHLArchitects/ 97 Main Street (Suite1)/ Hornell, NY 14843

Fredrick C. Stachura, ESQ. / Circuit Rider (Steuben & Allegany Counties) / Hornell, NY 14843

## BERNARD RAJ LOUISNATHAN - Projects and Accomplishments List II

### SPECIAL INSTALLATIONS

Exhibition installation titled "Telematic Ulysess" - Gallery 400, University of Illinois at Chicago ('86) - Postgraduate work in developing Office Automation Concepts (office landscapes). Designs included furniture and exhibit installation completed with direction from Architect Maurizio Morgantini and a team of student designers. It was presented in-conjunction with NEOCON18 held at Merchandise Mart and Museum of Contemporary Art in Chicago.

Exhibition installation titled "Athena's Prosthesis" - Gallery 400, University of Illinois at Chicago. Team project where new concept models for artificial intelligence and advanced technology implementation were developed in form of products and environments.

### EXHIBITS & ENVIRONMENTS

Following projects were designed while working with the in-house production facilities. Exhibit companies and Museum projects in most part were produced within the premise of employment location.

**Explus, Inc.** / Steriling, VA / Exhibit Designer (Dec.'95-June'96)

Alcatel - interactive workstations for computer automated conference rooms. Project included designing main lobby, small conference room, large conference room and several other rooms. Along with the architecture, all office furniture accepting the latest desktop and laptop computer technology. CDC (Center for Disease Control) - white architectural model for permanent exhibit in Atlanta, GA. • Misc. Exhibits- Architectural forms w/ Macintosh (MiniCAD, Design CAD, PhotoShop, Illustrator, QuarkXpress, & FileMakerPro experience)

**Sally Corporation & Exhibit Resources, Inc.** - Jacksonville, FL (Project Design Consultant 93'&94) Schematic plans & layout for robotic/animated dinosaur characters installed in a interior park in Korea. Other projects included children's entertainment industry projects, along with Museum & trade show exhibits. • Parkervision, Inc. - exhibit designed as a platform to present advanced technological tool in assisting with (education) distance learning, professional environments, and other major sources of communication. Museum of Science and History -design exhibition proposal selected for production title "Great Mammals of Northeast Florida." - comprehensive layout with schematics, illustrations, and exhibit components were included.

**Giltspur, Inc.** - Rochester, NY (Exhibit Design Consultant -'90)

Design/ detailing work on AutoCAD + misc. Macintosh graphics. Plan/layout for Xerox Business Machines for convention hall in Rochester. NY.

**Field Museum of Natural History** - Chicago, IL (Exhibit Designer '88-'89)

Inside Egypt Exhibit - design and construction documents for display of artifact cases, marketplace plan & schematics, details of marsh reading rail and other exhibit components. Illuminations: A Bestiary - coordinated a photo show at the special exhibition gallery. This show was based on a book comprising photography of museum specimens taken by Rosmand Purcell and compatible writings by Stephen J. Gould.

**General Exhibits & Displays, Inc.** - Chicago, IL (Exhibit Designer '86-'88)

GE Lighting - product identity and graphic organizational planning for custom built exhibit. DEGA System - primary designer of custom modular exhibit system to be distributed by GE&D. FL Pneumotive - in-line exhibit design using a German system called Expotechnique. LaSalle National Bank window display for ATM station. BHP Inc. - in-line exhibit w/ peninsula layout w/ contemporary appeal for video editing machines and film printers. Industrial Interface Inc. - In-line exhibit with strong graphics to present computer peripherals and connectors. Glen Johnson - in-line exhibit designed w/ special display lighting enclosure. Level Optical - designed window display for high-end eye ware using neon and plexiglass components. Berg Products - exhibit structures using playful backdrop for household (injection molded plastic products).

**Exhibit Source, Inc.** - Chicago, IL (Exhibit Designer '85-'86)

Airco - custom island exhibit to display & demo welding equipment. Nalco - in-line exhibit designed using modular system called Exponents. Preload - custom island exhibit designed in shape of clients concrete tanks. Landis and Gyre Powers, Inc. - peninsula exhibit utilizing touch screen workstations and corresponding video walls.

### REFERENCES (Upon Request)

Mr. Howard Kelly (Principal - Sally Corporation) Jacksonville, FL  
Maurizio Morgantini (Professor of Industrial Design and Architecture) Milan, Italy  
Mark Kovacs (Director of Residential Life) - Utica College of Syracuse University -1600 Burrstone Rd./ Utica, NY 13502-4892

## BERNARD RAJ LOUISNATHAN - **Projects and Accomplishments List III**

### VISUAL COMMUNICATION AND PRODUCT DESIGN

**Neuweb Interactive** (Dec.2000) - Exhibit design proposal for company offering services through interactive the world wide web. Modular exhibit provides a graphic backdrop for clients services's to be utilized through computer workstations at show site.

**Brian Jones** - Corning, NY - Design Consultant ('98 &'99)

Assisted in design installation documents of display system utilizing brushed aluminum and glass shelving system. This display system also utilized cable and turnbuckle support and MR16 halogen lighting for products to be viewed from both sides. Installed in Corning Inc.'s Corporate Headquarters and Research Center.

Assisted in constructing design model for Museum Exhibit. Design and planning for installation of exhibit at the Smithsonian Institution in Washington DC. Exhibit titled "Speak to My Heart" represented the different cultural and spiritual beliefs of the African-American culture and it's historical and present conditions.

Assisted in planning of trade show exhibit (island configuration) for Corning Inc.

**EPD&M** (Exhibit Planning and Management) - Albany, NY (Contract Graphics - Summer '90)  
Project management and organization of graphic standard for General Electric.

**Graphic Calculator Inc.** - Barrington, IL (Graphic & Product Designer '85)

Vollrath - Portion control guide designed with use of WangCAD system (prep. camera-ready art). PMS Consolidated - Micronizer jetting calculator (plastic & paper log rhythmic scales)

**University of Illinois at Chicago Main Library** - ('83 -'85) Graphic design - student position  
Layouts of existing signs and developing new sign system, Library coding, and misc. graphic layouts using Gerber™ vinyl cut lettering system.

**DANN Design** - Corning, NY ('90)- Design Consultant

Proposal illustrations for glass block design concepts. Working out design proposals for glass block to accept molds for new designs to be reviewed by the American Institute of Architects. Worked in-conjunction with Pittsburgh Glass.

**Image Consultants** -Elmira, NY (computer illustrative '90) Using Adobe Illustrator to produce artwork for production. This regional (district of tourism) map was back lighted at the Elmira/ Corning Airport NY.

**Paul Goda & Associates** - Chicago, IL ('89) Product Design Consultant

Exhibit design proposal for Yamazen which utilized computer models and illustratives.  
Product design for enclosure of plastic color mixing module, designed to fit onto large plastics in conjunction molding machinery. Utilized ergonomically accessible control panels.

**TRES Design, Inc.** - Chicago, IL ('88) Product Design Consultant - Design development and proposal for a residential air-filtration unit. Redesigning of old system into a newer and more effective design. Designed three options by way of exploded view drawings and other illustratives.

**Kitzing Exhibits, Inc.** - Chicago, IL ('87)- Exhibit proposal for Bausch & Lomb and other companies

### REFERENCES (Upon Request)

Prof. Robert Dunay / Asst. Dean to the Dept. of Architecture & Industrial Design, Virginia Tech  
Prof. Robert Scheubert / Asst. Dean to the Dept. of Industrial Design, (CAUS)  
Prof. William Green / Prof. of Industrial Design, Virginia Tech College of Architecture & Urban Studies  
Brian Jones (Project Design Supervisor) / Corning Incorporated / Corning, NY 14831