



CONTACT

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EDUCATION

RISD
BFA in Furniture Design
2011

TRAINING + CERTIFICATIONS

OSHA 10
CalFire 2 Card
ATF 33 Permit
ATF 20 License
Basic Electricity & Electronics
Harassment Prevention
Hazard Communication
Violence Prevention

MEMBERSHIPS

IATSE 44
ASEPO

PROFESSIONAL SKILLS

Creative Problem Solving
Research & Development
Project Management
Sourcing & Logistics
Budgets & Invoicing
Scheduling & Timelines
Vendor & Client Relations
Concept Presentations
Permitting Applications

PROFILE

Lead Designer and Project Coordinator with a proven ability to deliver immersive spatial concepts and custom fabrication solutions, driving projects seamlessly from initial concept through prototyping to final implementation. Possesses an in-depth mastery of materials properties, structural systems, and project management built on seventeen years of cross-disciplinary experience across technical trades, a professional studio practice, and custom entertainment builds. Combines a rigorous foundation in fine art with an established record of proactively mitigating technical risks - ensuring complex project builds are completed efficiently, safely, and on deadline.

EXPERIENCE

Special Effects Coordinator, Business Manager

MADFX, Los Angeles, CA | 2018-present

Manage business, coordinate builds, in-house and on-location shop and service operations for a premier practical special effects company.

- Coordinated end-to-end project management, proprietary budgets, and critical path timelines for custom fabrication builds under strict entertainment industry deadlines.
- Recruited, staffed, and supervised cross-functional teams of fabricators and technicians, managing shop dynamics and safety.

Special Effects Foreman

IATSE 44, Los Angeles, CA | 2015-present

Headed up shop and on-set build crews to construct advanced practical effects, custom props, and machinery layouts for major motion pictures.

- Analyzed scripts and shooting schedules to manage department budgets, actively leading production meetings and conducting critical safety walkthroughs
- Interpreted complex blueprints and mechanical drawings to direct teams fabricating advanced rigs, structural elements, and heavy equipment layouts safely.
- Oversaw the full prototyping and testing lifecycle, transitioning intricate physical mechanisms seamlessly from initial design and shop development to live operations on set.

Prop Maker

IATSE 481, Quincy, MA | 2013-2015

Constructed set builds and elements, executing advanced welding, carpentry, rigging and blueprint translation.

TECHNICAL SKILLS

Welding & Metal Fabrication
(MIG | TIG | STICK)
Carpentry & Construction
Electrical Wiring
Plumbing
Mechanical Systems
Pneumatics
Painting & Finishing
Molds & Casting
Landscaping Design & Install
Textile & Leatherwork
Adobe Suite
(Photoshop | Illustrator | InDesign)
Graphic design
Model Making
Technical Renderings
Illustration
Microsoft Excel
Microsoft Word

EXPERIENCE continued

- Executed on-set practical effects and specialized natural elements such as rain, wind, fire and snow effects under compressed, fast-moving production schedules.
- Participated in continuous production testing and material R&D to ensure on-set safety and structural integrity during high-action sequences.

Welding Gang Boss

IATSE 481, Boston, MA | 2014

Set up and directed welding shop operations, managing in-house builds, and set installations while reporting directly to construction coordinator.

- Interpreted architectural blueprints and technical drawings to delegate complex fabrication tasks based on rigorous assessments of team members' technical abilities.
- Enforced shop and employee safety best practices, performed strict quality control inspections on all completed builds, and managed heavy machinery maintenance and repair.

Designer

Quinnessential Design, Providence, RI | 2011–2013

Founded and operated an independent custom fabrication and design studio producing public sculpture, ornamental/functional architectural elements, custom furniture and lighting fixtures.

- Developed spatial concepts and project bids, delivering polished client presentations to municipal entities and private collectors.
- Managed end-to-end execution involving fine carpentry, technical metal fabrication, local zoning/building code adherence.

Design Mentor, Instructor

Artists For Humanity, Boston, MA | 2011

Mentored and trained emerging creators in three-dimensional design through balanced instruction incorporating technical fabrication, safety practices, and professional client relations.

- Directed youth creators in the end-to-end design, build, and installation of "AFH the Store," translating creative concepts into a functional, retail spatial environment.

Artist, Instructor

The Steel Yard, Providence, RI | 2008–2013

Advanced from shop assistant to technical instructor for adult welding and metal fabrication classes and acted as an independent contractor for the public projects department.

- Created comprehensive course planning and provided hands-on instruction in machine operations, facility upgrades and structural safety.
- Contracted by the City of Providence as a public artist and designer, delivering larger-scale public works that successfully connected community spaces with interactive art and design.