

THOMAS J. MARCHAK

EXPERIENCE

1996-2004 Mechanical Mayhem, Inc. Nazareth, PA

President

- Design and construction of Special FX props and animations for business and the entertainment industry. Capabilities also include sculpting, miniatures, mold making, casting and set design.

Film work

- Provided Special FX and set dressing along with set photography for “The Garrison” treatment, featuring Francesco Quinn.
- Coordinated and assisted in the development of the movie poster artwork for “The Garrison”.
- Served as Assistant Producer for the Garrison Treatment.
- Marketed the treatment at the American Film Market in Santa Monica, CA.
- Provided several of the photographic images used for the marketing of “The Garrison”.
- Special FX bullet hits and beating heart prop for “Dead Serious”

Sample of props designed and built for film:

WWII operational German Flamethrower (Flammenwerfer 35) replica;
Operational WWII German rocket launcher replica (Faustpatrone);
Innovative (non-pyro) bullet hit vest – actor worn unit provides both blood and powder hits; beating heart prop; and severed human torso etc.

1990–2000 Pfizer Inc./ Minerals Technologies Inc. Bethlehem, PA

Management experience

Quality assurance Specialist

- Northeast region Quality Assurance Manager.
- Managed quality for 13 Northeastern US satellite locations.
- Responsible for new satellite startups and implementing quality programs at 56 worldwide satellite locations.
- Implemented process control strategies.

1984–1990 IIT Defense

Easton, PA

Engineering Experience

Sr. Engineering Assistant

- Assisted in the design and construction of Switch Mode HV power supplies.
- Responsibilities include: Testing the units under various environmental conditions; troubleshooting and repair of damaged units; assisting in the development of any necessary modifications or design changes; worked closely with military advisors to ensure that the units met all of specified requirements.

EDUCATION

DeVry Technical Institute - Electronics

Northampton County Area Community College – Engineering

Additional Training: Certified ISO 9000, Design of Experiments, Statistical Process Control, welding, carpentry, electrical wiring, plumbing