

Shawn M. Miller

5735 Schoolway Dr.
Hilliard, Ohio 43026
(614) 313-4769
shawnsmm@gmail.com

EDUCATION

DeVry University - Columbus, Ohio

Bachelor of Science in Electronics Engineering Technology

10/03

WORK EXPERIENCE

CEC Entertainment – Columbus, Ohio

8/09-Present

Senior Technical Manager

- Increased the biannual Game/Show/Ride Review score from a 66% to a 91% in less than two years.
- Developed and maintained budget for and par level inventory of electronics, mechanical parts, and tools.
- Trained all incoming Electronic Game Room Technical Managers.
- Managed all the electrical and mechanical aspects of the game rooms area of two different Chuck E. Cheese locations inclusive of over 180 of the latest video games, skill games and kiddie rides.
- Responsible for the animatronic show operation, repairs, and preventative maintenance including compressor operation, lighting, sound, video, pneumatics, automation computer, triac driver boards and show cosmetics.
- Repaired and/or replaced defective electronic components inside arcade games, computers, tv monitors, ovens, dishwashers and the show automation system.
- Used schematics and test equipment to troubleshoot down to component level.

Holophane – Newark / Granville, Ohio

12/03-10/08

Project Coordinator

- Completed special engineering quotations for non-standard industrial light fixtures within two day turnaround compliance.
- Managed high profile orders from order entry to shipment.
- Developed and updated spreadsheets to speed up quotation process.
- Assisted over 180 Holophane sales representatives with bid strategy, pricing options, and technical inquires.
- Managed a phone line for technical inquires with 100% compliance.
- Solely responsible for quotation acceptance or rejection.
- Completed courses in hazardous location, lighting controls and emergency lighting.

Engineering Technologist

- Executed mechanical testing services in accordance with established test procedures.
- Performed thermal testing on industrial light fixtures per UL standard.
- Modified existing test procedures to meet specific requestor needs.
- Tested and reported on soon-to-be-released products for thermal tolerances, vibration, rain and thermal shock.
- Mastered 3D printing of parts for engineering use.

TECHNICAL SKILLS

Course Study

Data communication
Control systems
Programmable logic control
Integrated circuits
Digital systems
Embedded systems
Networking
Radio frequencies
Wireless and wire communication

Hardware Knowledge

Oscilloscopes
Multi-meters
Wire wraps
Soldering
Magnetic and Electronic ballasts
Data acquisition systems
Pneumatic Cylinders
Compressors
Mac Valves

Applications Knowledge

BASIC / C / C++
Microsoft Word
Microsoft Excel
Microsoft PowerPoint
Microsoft Outlook
Microsoft Project
Microsoft Visio