

Shawn M. Miller

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EDUCATION

Ohio State University Full Stack Bootcamp - Columbus, Ohio Currently Enrolled

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

Current Course Study

Full Stack Web Development

Application Knowledge

HTML

CSS

JavaScript

Node.js

Hardware Knowledge

Oscilloscopes

Multi-meters

Wire wraps

Soldering