

Electrical Engineer – Job Post

City Theatrical, Inc.

Carlstadt, NJ 07072

\$80,000 - \$100,000 a year - Full-time

Job posted: June 10, 2022

Benefits

401(k)

Dental insurance

Health insurance

Paid time off

Vision insurance

Job Description

Purpose: Aid in creating a steady source of high margin new product designs to support the company's sales and profit goals. Primary responsibilities:

- New Product Design Engineering
 - Engineering Support
 - Engineering Documentation
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Representative Responsibilities:

- Design Engineering
 - o Contribute to the product development process with product definition ideas and original design solutions
 - o Design electronic hardware
 - o Develop embedded firmware
 - o Develop QC and test procedures for company products and processes
 - o Develop production training programs for assembly staff as new products are developed
 - o Serve as a company expert in pertinent areas such as electronic hardware, software and designing for entertainment technology

- o Contribute to the development and conservation of engineering resources including tools, test instruments, development hardware, and design software
 - o Act as a technical representative and advocate for the Company
 - o Provide marketable consulting services
 - o Help create and monitor Engineering project budgets
 - o Identify and help achieve cost reductions in electronic products
 - o Create ERP Bills of Materials for new designs
 - Engineering Support
 - o Construction of Prototypes
 - o Provide in-house engineering and technical support to the Manufacturing Dept
 - o Perform performance tests on products
 - o Create product software for old and new designs
 - o Develop design improvements to enhance productivity, improve quality, and reduce costs
 - Engineering Documentation
 - o Create/Edit Theory of operation Documents
 - o Create/Edit Manuals
 - o Create/Edit Assembly instructions
 - o Create/Edit QC procedure Instructions
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Additional Responsibilities:

- Other duties as assigned
 - Completes special projects and requests in a timely and positive fashion
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Knowledge, Skills and Abilities:

- Ability to handle multiple projects and complete them on schedule

- Fluency with standard electronics test equipment including DDM and Oscilloscope
 - Advanced PCB level soldering skills
 - Effective interpersonal skills and the ability to interact with all levels of employees
 - Digital and analog electronic design
 - Fluency with standard engineering documentation such as conventional electronics schematics, etc.
 - Ability to identify standard electronics components and determine their values using industry standard ID references
 - Reliable knowledge of and ability to apply good electrical safety practices
 - Excellent communication and organization skills
 - Ability to work independently and as part of a team
 - Effective problem solving and creative thinking skills
 - Ability to program in C using Eclipse or other IDEs
 - Ability to program in Python
 - Flexible and able to adapt to change
 - Able to lift up to 50 pounds
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Education and Experience

- Bachelor of Science degree in Electrical Engineering or similarly related degree
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Job Type: Full-time

Pay: \$80,000.00 - \$100,000.00 per year

Benefits:

- 401(k)
- Dental insurance
- Health insurance
- Paid time off
- Vision insurance

Schedule:

- Monday to Friday

COVID-19 considerations:

Required COVID-19 Vaccination proof.

Ability to commute/relocate:

- Carlstadt, NJ 07072: Reliably commute or planning to relocate before starting work (Required)

Willingness to travel:

- 25% (Preferred)

Work Location: One location

Interested in working with us?

Send your cover letter and CV to: info@citytheatrical.com