



Chicago Zoological Society
Inspiring Conservation Leadership

Title	Engineering Intern (unpaid)
Learning Objectives	<p><u>Management Skills</u></p> <ul style="list-style-type: none">• Build communication skills necessary to be successful in the working environment• Learn how to establish departmental goals and commitments for success in the working environment• Exposure to working with upper level management and directors• Exposure to working with a collective bargaining unit and understanding labor agreements• Learn importance of internal and external customer service <p><u>Analysis</u></p> <ul style="list-style-type: none">• Project engineering, coordination, scheduling and budgeting• Evaluation of physical assets, including mechanical, electrical and civil components• Evaluation of repair frequencies and performance• Engineering Cost/Benefit analysis <p><u>Design & Synthesis</u></p> <ul style="list-style-type: none">• Observing reliability & maintenance factors• Mechanical and electrical component selection• Engineering quality improvements <p><u>Implementation Methods</u></p> <ul style="list-style-type: none">• Forecasting, analyzing and controlling departmental costs through inventory, asset protection methods and time management tools for workforce• Make recommendations on engineering components• Creating intra/inter department communications• Distributing communications and collecting feedback on initiatives• Interpret and respond to permitting comments for construction activities

Brookfield, Illinois 60513-0719 708.688.8400 www.CZS.org

Brookfield Zoo is owned by the Forest Preserve District of Cook County and managed by the Chicago Zoological Society.
Equal Opportunity/Affirmative Action Employer M/F/D/V



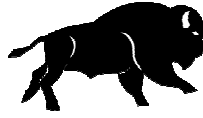
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Responsibilities	Intern will: <ul style="list-style-type: none">• Assist managing and coordinating various repair projects and new construction projects. This would include feasibilities, budgets, timelines, estimates, bidding and quality control• Attend department meetings and assist project and maintenance managers with daily duties• Research and input historical information on facilities, equipment and components within the park• Interpret and organize engineering and architectural drawings• Work with management to determine inspection frequencies for facilities, equipment and components within the park• Use AutoCAD to conduct feasibility designs• Audit spare parts inventory• Time Study various routine preventative maintenance inspections within the park• Create a dispatching program and process for the various craftsmen within the Plant & Facilities group• Implement and follow-up on a web-based work order program• Assist in teaching internal customers how to use the work order system
Requirements	<ul style="list-style-type: none">• Minimum one year of college at an accredited institution; G.P.A. 2.5/4.0, majoring in early engineering or other directly relevant field.• Minimum 18 years of age.• Strong interpersonal, communications, and organizational skills.• Strong computer skills.• Must be able to commit to 12 weeks; approximately 30-40 hours/week.• Completion of a reflective journal or project required as part of internship.

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