

Joseph McLeod

Electrical Engineer (EIT Certified)

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Experienced Electrical Engineer with 5+ years in workforce allocation and electric layout optimization, resulting in 10% increased workflows and 18% increased efficiency. Seeking to leverage project management skills and experience towards a leadership role at Estavez Parks.

Experience

2013-02 - present	<div>Electrical Engineer</div> <div>Bystronic</div> <div><ul style="list-style-type: none"><li>Planned, designed, and developed tools, engines, and electrical equipment - resulting in 18% increase in efficiency.</li><li>Met with clients to oversee installation, operation, and maintenance of equipment for all local plants.</li><li>Worked with planning and design teams to drive product development and review tooling specifications.</li><li>Developed CAN and LIN drivers and communication protocols.</li></ul></div>
2009-01 - 2012-12	<div>Assistant MPE Engineer</div> <div>Michigan Parks</div> <div><ul style="list-style-type: none"><li>Performed condition assessments of electric systems service of Michigan Parks' physical assets, including plumbing, HVAC, electrical and other systems, in accordance with inspection protocols, state and local regulations.</li><li>Analyzed inspection data to identify trends and monitor the effectiveness of Michigan Parks' efforts to proactively maintain its assets in a steady state of good repair.</li><li>Engaged in document research, investigations, studies, examinations and testing as they related to the functions or activities of the Capital Needs Assessment Team.</li></ul></div>

Education

2006-09 - 2008-06	<div>University of Michigan, MEng. in Electrical Engineeering</div> <div><ul style="list-style-type: none"><li>Graduated Magna Cum Laude</li></ul></div>
2002-09 - 2006-06	<div>University of Michigan, B.E. in Electrical Engineering</div>

Skills

3D CAD MODELING SOFTWARE	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Expert</div>
LINUX	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
C++	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Advanced</div>
REVERSE ENGINEERING	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Intermediate</div>