

# 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    **Electrical Engineer**

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- Planned, designed, and developed tools, engines, and electrical equipment - resulting in 18% increase in efficiency.
- Met with clients to oversee installation, operation, and maintenance of equipment for all local plants.
- Worked with planning and design teams to drive product development and review tooling specifications.
- Developed CAN and LIN drivers and communication protocols.

### 2009-01 - 2012-12    **Assistant MPE Engineer**

*Michigan Parks*

- 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.
- 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.
- Engaged in document research, investigations, studies, examinations and testing as they related to the functions or activities of the Capital Needs Assessment Team.

## Education

### 2006-09 - 2008-06    **University of Michigan, MEng. in Electrical Engineering**

- Graduated Magna Cum Laude

### 2002-09 - 2006-06    **University of Michigan, B.E. in Electrical Engineering**

## Skills

3D CAD MODELING SOFTWARE



Expert

LINUX



Advanced

C++



Advanced

REVERSE ENGINEERING



Intermediate

## Languages

SPANISH



Intermediate