

Joseph McLeod

Electrical Engineer (EIT Certified)

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 - **Electrical Engineer**
present *Bystronic*
 - 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 - **Assistant MPE Engineer**

- 2012-12 *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 - **University of Michigan, MEng. in Electrical Engineering**
2008-06
 - Graduated Magna Cum Laude
- 2002-09 - **University of Michigan, B.E. in Electrical Engineering**
2006-06

Conferences

- 2018-04 EPECS - 5th International Conference on Electric Power and Energy Conversion Systems
2016-07 The American Society of Electrical Engineers

Personal Info

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Skills

3D CAD MODELING SOFTWARE



Expert

LINUX



Advanced

C++



Advanced

REVERSE ENGINEERING



Intermediate

Languages

SPANISH



Intermediate