

# Joseph McLeod

## Electrical Engineer (EIT Certified)

### Address

1442 Anyname St, Nashville, TN 37993

**Phone** +1 (654) 258-79313

**E-mail** joseph.k.mcleod@gmail.com

**LinkedIn** [linkedin.com/in/Joey.McLeod](https://www.linkedin.com/in/Joey.McLeod)

**Twitter** [twitter.com/josephmcleod](https://twitter.com/josephmcleod)

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

*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 - 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

## Conferences

2018-04

EPECS - 5th International Conference on Electric Power and Energy Conversion Systems

2016-07

The American Society of Electrical Engineers